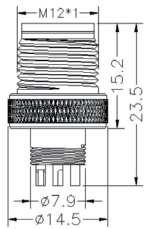


M12 A code male moldable connector/M12, A型公头成型式连接器

Illustration/尺寸

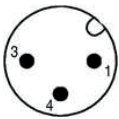


Product photo/产品图

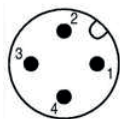


Pin assignment front view/针位分布前视图

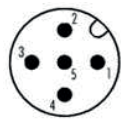
A code 3pins
A型3针



A code 4pins
A型4针



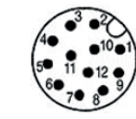
A code 5pins
A型5针



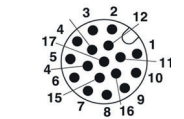
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

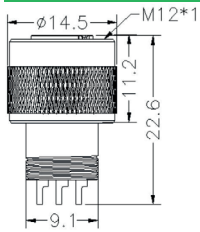
Pins/针数	Code/型	Part number/产品料号
3pins/3针	A code/A型	12C098
4pins/4针	A code/A型	12C059
5pins/5针	A code/A型	12C067
8pins/8针	A code/A型	12C100
12pins/12针	A code/A型	12C090
17pins/17针	A code/A型	12C119

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female moldable connector/M12, A型母头成型式连接器

Illustration/尺寸



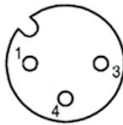
Product photo/产品图



Pin assignment front view/孔位分布前视图

A code 3pins

A型3孔



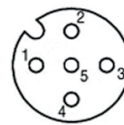
A code 4pins

A型4孔



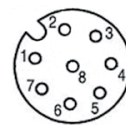
A code 5pins

A型5孔



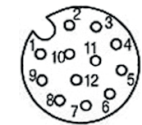
A code 8pins

A型8孔



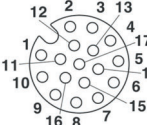
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

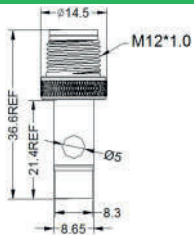
Pins/孔数	Code/型	Part number/产品料号
3pins/3孔	A code/A型	12C099
4pins/4孔	A code/A型	12C060
5pins/5孔	A code/A型	12C068
8pins/8孔	A code/A型	12C101
12pins/12孔	A code/A型	12C091
17pins/17孔	A code/A型	12C120

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V		30V	
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male moldable connector with shielded/M12, A型公头成型式连接器带屏蔽

Illustration/尺寸



Product photo/产品图

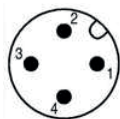


Pin assignment front view/针位分布前视图

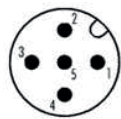
A code 3pins
A型3针



A code 4pins
A型4针



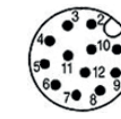
A code 5pins
A型5针



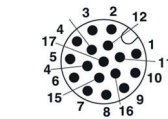
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

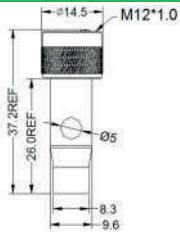
Pins/孔数	Code/型	Part number/产品料号
3pins/3针	A code/A型	12C102
4pins/4针	A code/A型	12C104
5pins/5针	A code/A型	12C106
8pins/8针	A code/A型	12C111
12pins/12针	A code/A型	12C109
17pins/17针	A code/A型	12C121

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female moldable connector with shielded/M12, A型母头成型式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

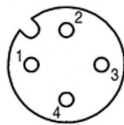
A code 3pins

A型3孔



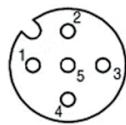
A code 4pins

A型4孔



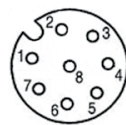
A code 5pins

A型5孔



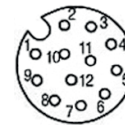
A code 8pins

A型8孔



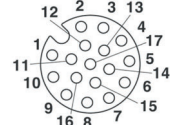
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

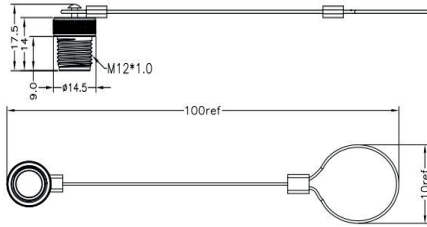
Pins/孔数	Code/型	Part number/产品料号
3pins/3孔	A code/A型	12C103
4pins/4孔	A code/A型	12C105
5pins/5孔	A code/A型	12C110
8pins/8孔	A code/A型	12C112
12pins/12孔	A code/A型	12C113
17pins/17孔	A code/A型	12C122

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V		30V	
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 male metal waterproof cap with stainless steel chain/M12公头防水帽带不锈钢绳

Illustration/尺寸



Product photo/产品图



Part number/产品料号

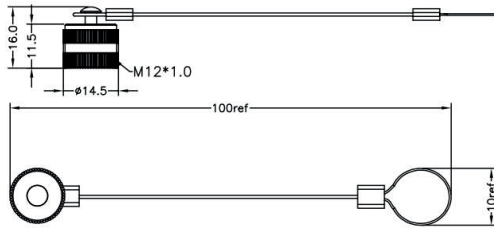
12CAP005-100

General Data/常规数据

Standards/regulations/标准	IEC 61076-2-101
Degree of protection/防护等级	IP67, IP68, IP69K
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Chain/绳子	Stainless steel/不锈钢
Environmental compliance/环境符合标准	RoHS, Reach

M12 female metal waterproof cap with stainless steel chain/M12母头防水帽带不锈钢绳

Illustration/尺寸



Product photo/产品图



Part number/产品料号

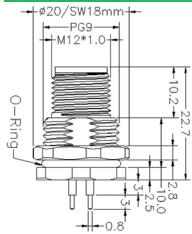
12CAP006-100

General Data/常规数据

Standards/regulations/标准	IEC 61076-2-101
Degree of protection/防护等级	IP67, IP68, IP69K
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Chain/绳子	Stainless steel/不锈钢
Environmental compliance/环境符合标准	RoHs, Reach

M12 A code male straight front panel mount connector with solder pcb contact/M12, A型公头直头前锁面板板端

Illustration/尺寸



Product photo/产品图

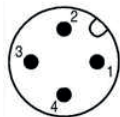


Pin assignment front view/针位分布前视图

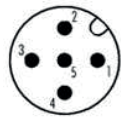
A code 3pins
A型3针



A code 4pins
A型4针



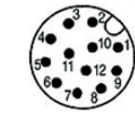
A code 5pins
A型5针



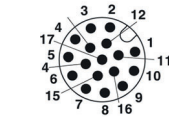
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

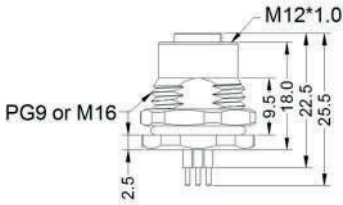
Pins/针数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3针	A code/A型	12B001	12B021
4pins/4针	A code/A型	12B005	12B025
5pins/5针	A code/A型	12B009	12B029
8pins/8针	A code/A型	12B013	12B033
12pins/12针	A code/A型	12B017	12B037
17pins/17针	A code/A型	12B173	12B177

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder PCB/PCB焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/针材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight front panel mount connector with solder pcb contact/M12, A型母头直头前锁面板板端

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

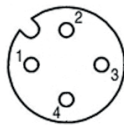
A code 3pins

A型3孔



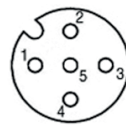
A code 4pins

A型4孔



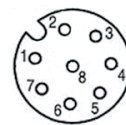
A code 5pins

A型5孔



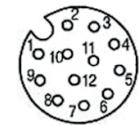
A code 8pins

A型8孔



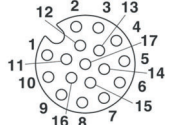
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3孔	A code/A型	12B003	12B023
4pins/4孔	A code/A型	12B007	12B027
5pins/5孔	A code/A型	12B011	12B031
8pins/8孔	A code/A型	12B015	12B035
12pins/12孔	A code/A型	12B019	12B039
17pins/17孔	A code/A型	12B175	12B179

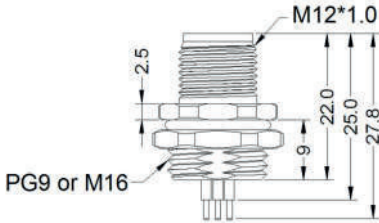
General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder PCB/PCB焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male straight rear panel mount connector with solder pcb contact/M12, A型公头直头后锁面板板端

Illustration/尺寸

Product photo/产品图

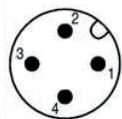


Pin assignment front view/针位分布前视图

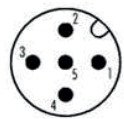
A code 3pins
A型3针



A code 4pins
A型4针



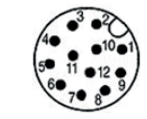
A code 5pins
A型5针



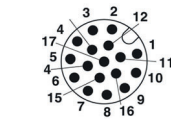
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

Pins/针数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3针	A code/A型	12B002	12B022
4pins/4针	A code/A型	12B006	12B026
5pins/5针	A code/A型	12B010	12B030
8pins/8针	A code/A型	12B014	12B034
12pins/12针	A code/A型	12B018	12B038
17pins/17针	A code/A型	12B174	12B178

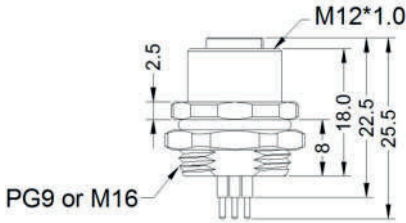
General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder PCB/PCB焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/针材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight rear panel mount connector with solder pcb contact/M12, A型母头直头后锁面板板端

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

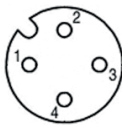
A code 3pins

A型3孔



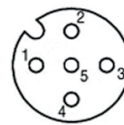
A code 4pins

A型4孔



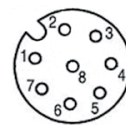
A code 5pins

A型5孔



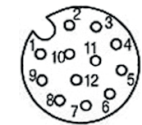
A code 8pins

A型8孔



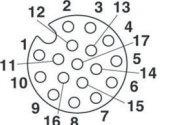
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

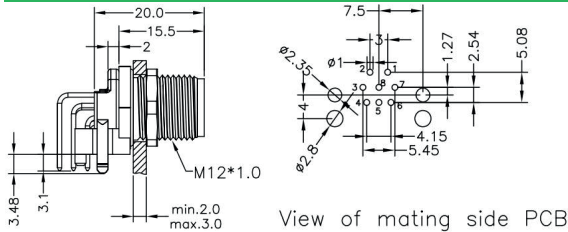
Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3孔	A code/A型	12B004	12B024
4pins/4孔	A code/A型	12B008	12B028
5pins/5孔	A code/A型	12B012	12B032
8pins/8孔	A code/A型	12B016	12B036
12pins/12孔	A code/A型	12B020	12B040
17pins/17孔	A code/A型	12B176	12B180

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder PCB/PCB焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male right angle front panel mount connector with solder pcb contact/M12, A型公头直头前锁面板板端

Illustration/尺寸



Product photo/产品图

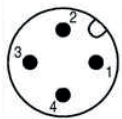


Pin assignment front view/针位分布前视图

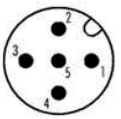
A code 3pins
A型3针



A code 4pins
A型4针



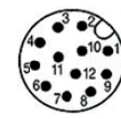
A code 5pins
A型5针



A code 8pins
A型8针



A code 12pins
A型12针



Part number/产品料号

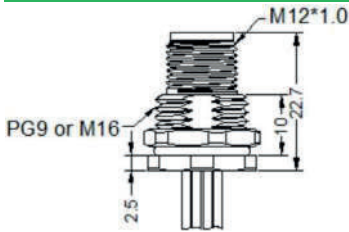
Pins/针数	Code/型	Part number/产品料号
3pins/3针	A code/A型	12B065
4pins/4针	A code/A型	12B067
5pins/5针	A code/A型	12B069
8pins/8针	A code/A型	12B081
12pins/12针	A code/A型	12B073

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	solder PCB/PCB焊接				
Connector locking system/锁紧方式	Screw/螺锁				
Degree of protection/防护等级	IP67, IP68, IP69K				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Ambient temperature (operation)/操作温度	-25°C~+85°C				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins material/端子材料	Brass with gold plated/黄铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
Environmental compliance/环境符合标准	RoHs, Reach				

M12 A code male straight front panel mount connector with wire/M12, A型公头直头前锁面板带线

Illustration/尺寸

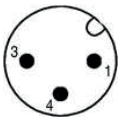


Product photo/产品图

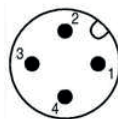


Pin assignment front view/针位分布前视图

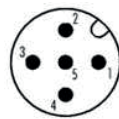
A code 3pins
A型3针



A code 4pins
A型4针



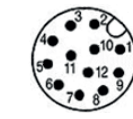
A code 5pins
A型5针



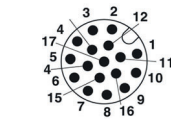
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3针	A code/A型	12D001-X	12D021-X
4pins/4针	A code/A型	12D005-X	12D025-X
5pins/5针	A code/A型	12D009-X	12D029-X
8pins/8针	A code/A型	12D013-X	12D033-X
12pins/12针	A code/A型	12D017-X	12D037-X
17pins/17针	A code/A型	12D266-X	12D267-X

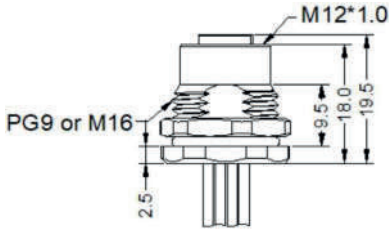
General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-40°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight front panel mount connector with wire/M12, A型母头直头前锁面板带线

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

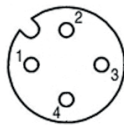
A code 3pins

A型3孔



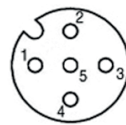
A code 4pins

A型4孔



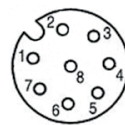
A code 5pins

A型5孔



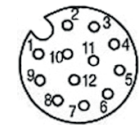
A code 8pins

A型8孔



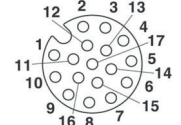
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

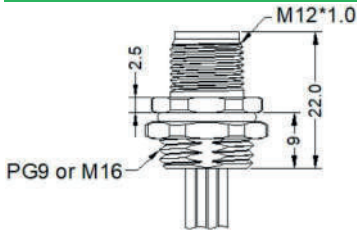
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3孔	A code/A型	12D003-X	12D023-X
4pins/4孔	A code/A型	12D007-X	12D027-X
5pins/5孔	A code/A型	12D011-X	12D031-X
8pins/8孔	A code/A型	12D015-X	12D035-X
12pins/12孔	A code/A型	12D019-X	12D039-X
17pins/17孔	A code/A型	12D268-X	12D270-X

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-40°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male straight rear panel mount connector with wire/M12, A型公头直头后锁面板带线

Illustration/尺寸



Product photo/产品图

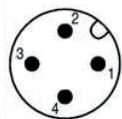


Pin assignment front view/针位分布前视图

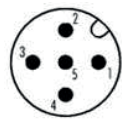
A code 3pins
A型3针



A code 4pins
A型4针



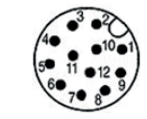
A code 5pins
A型5针



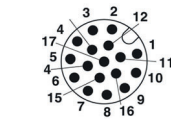
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3针	A code/A型	12D002-X	12D022-X
4pins/4针	A code/A型	12D006-X	12D026-X
5pins/5针	A code/A型	12D010-X	12D030-X
8pins/8针	A code/A型	12D014-X	12D034-X
12pins/12针	A code/A型	12D018-X	12D038-X
17pins/17针	A code/A型	12D272-X	12D273-X

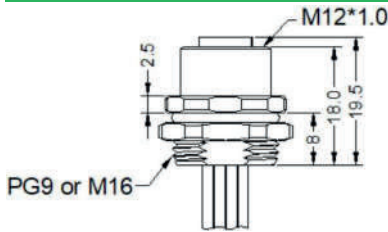
General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-40°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight rear panel mount connector with wire/M12, A型母头直头后锁面板带线

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

A code 3pins

A型3孔



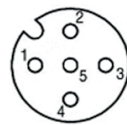
A code 4pins

A型4孔



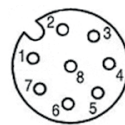
A code 5pins

A型5孔



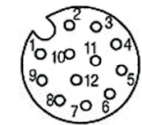
A code 8pins

A型8孔



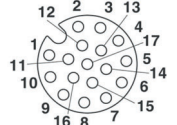
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

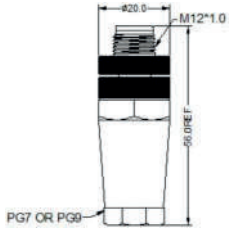
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
3pins/3孔	A code/A型	12D004-X	12D024-X
4pins/4孔	A code/A型	12D008-X	12D028-X
5pins/5孔	A code/A型	12D012-X	12D032-X
8pins/8孔	A code/A型	12D016-X	12D036-X
12pins/12孔	A code/A型	12D020-X	12D040-X
17pins/17孔	A code/A型	12D269-X	12D271-X

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder/焊接					
Connector locking system/锁紧方式	Screw/螺锁					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-40°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male straight plastic assembly connector/M12, A型公头直头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图

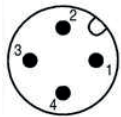


Pin assignment front view/针位分布前视图

A code 3pins
A型3针



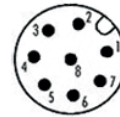
A code 4pins
A型4针



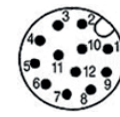
A code 5pins
A型5针



A code 8pins
A型8针



A code 12pins
A型12针



Part number/产品料号

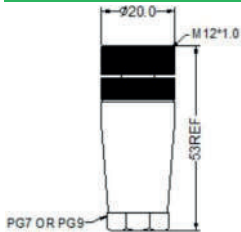
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3针	A code/A型	12ZU01-PG7	12ZU01-PG9
4pins/4针	A code/A型	12ZU03-PG7	12ZU03-PG9
5pins/5针	A code/A型	12ZU05-PG7	12ZU05-PG9
8pins/8针	A code/A型	12ZU07-PG7	12ZU07-PG9
12pins/12针	A code/A型	12ZU65-PG7	12ZU65-PG9

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	screw clamp/螺锁				
Degree of protection/防护等级	IP67				
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²				
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG				
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Ambient temperature (operation)/操作温度	-25°C~+85°C				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins material/端子材料	Brass with gold plated/黄铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm				
Environmental compliance/环境符合标准	RoHs, Reach				

M12 A code female straight plastic assembly connector/M12, A型母头直头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图

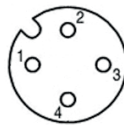


Pin assignment front view/孔位分布前视图

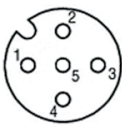
A code 3pins
A型3孔



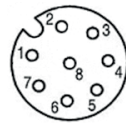
A code 4pins
A型4孔



A code 5pins
A型5孔



A code 8pins
A型8孔



A code 12pins
A型12孔



Part number/产品料号

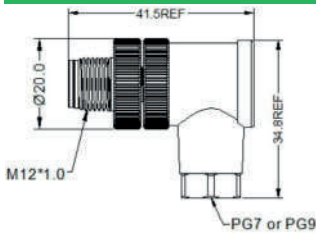
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3孔	A code/A型	12ZU02-PG7	12ZU02-PG9
4pins/4孔	A code/A型	12ZU04-PG7	12ZU04-PG9
5pins/5孔	A code/A型	12ZU06-PG7	12ZU06-PG9
8pins/8孔	A code/A型	12ZU08-PG7	12ZU08-PG9
12pins/12孔	A code/A型	12ZU66-PG7	12ZU66-PG9

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	screw clamp/螺锁				
Degree of protection/防护等级	IP67				
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²				
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG				
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Ambient temperature (operation)/操作温度	-25°C~+85°C				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm				
Environmental compliance/环境符合标准	RoHs, Reach				

M12 A code male right angle plastic assembly connector/M12, A型公头弯头塑胶装配式连接器

Illustration/尺寸

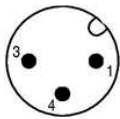


Product photo/产品图

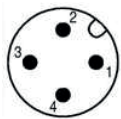


Pin assignment front view/针位分布前视图

A code 3pins
A型3针



A code 4pins
A型4针



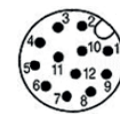
A code 5pins
A型5针



A code 8pins
A型8针



A code 12pins
A型12针



Part number/产品料号

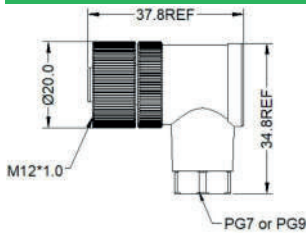
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3针	A code/A型	12ZU21-PG7	12ZU21-PG9
4pins/4针	A code/A型	12ZU23-PG7	12ZU23-PG9
5pins/5针	A code/A型	12ZU25-PG7	12ZU25-PG9
8pins/8针	A code/A型	12ZU27-PG7	12ZU27-PG9
12pins/12针	A code/A型	12ZU71-PG7	12ZU71-PG9

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	screw clamp/螺锁				
Degree of protection/防护等级	IP67				
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²				
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG				
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Ambient temperature (operation)/操作温度	-25°C~+85°C				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins material/端子材料	Brass with gold plated/黄铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm				
Environmental compliance/环境符合标准	RoHs, Reach				

M12 A code female right angle plastic assembly connector/M12, A型母头弯头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图

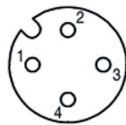


Pin assignment front view/孔位分布前视图

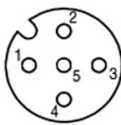
A code 3pins
A型3孔



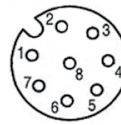
A code 4pins
A型4孔



A code 5pins
A型5孔



A code 8pins
A型8孔



A code 12pins
A型12孔



Part number/产品料号

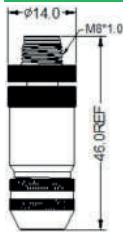
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3孔	A code/A型	12ZU22-PG7	12ZU22-PG9
4pins/4孔	A code/A型	12ZU24-PG7	12ZU24-PG9
5pins/5孔	A code/A型	12ZU26-PG7	12ZU26-PG9
8pins/8孔	A code/A型	12ZU28-PG7	12ZU28-PG9
12pins/12孔	A code/A型	12ZU72-PG7	12ZU72-PG9

General Data/常规数据

Pins Numbers/孔数	
Rated voltage/额定电压	
Rated current(40°C)/额定电流	
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHs, Reach

M12 A code male straight metal assembly connector with shielded/M12, A型公头直头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图

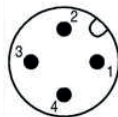


Pin assignment front view/针位分布前视图

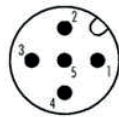
A code 3pins
A型3针



A code 4pins
A型4针



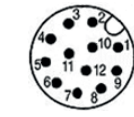
A code 5pins
A型5针



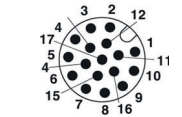
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

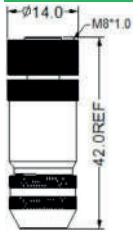
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3针	A code/A型	12ZS31-PG7	12ZS31-PG9
4pins/4针	A code/A型	12ZS33-PG7	12ZS33-PG9
5pins/5针	A code/A型	12ZS35-PG7	12ZS35-PG9
8pins/8针	A code/A型	12ZS37-PG7	12ZS37-PG9
12pins/12针	A code/A型	12ZS73-PG7	12ZS73-PG9
17pins/17针	A code/A型	-	12ZS71-PG9

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V	60V	30V			
Rated current(40°C)/额定电流	4A	2A	1.5A	1.5A		
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	screw clamp/螺锁					
Degree of protection/防护等级	IP67					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm					
Environmental compliance/环境符合标准	RoHS, Reach					

M12 A code female straight metal assembly connector with shielded/M12, A型母头直头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

A code 3pins

A型3孔



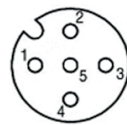
A code 4pins

A型4孔



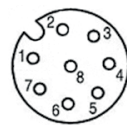
A code 5pins

A型5孔



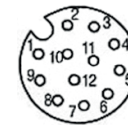
A code 8pins

A型8孔



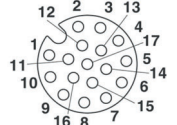
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

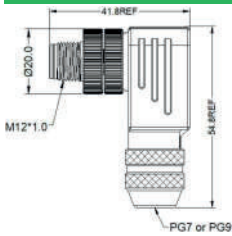
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3孔	A code/A型	12ZS32-PG7	12ZS32-PG9
4pins/4孔	A code/A型	12ZS34-PG7	12ZS34-PG9
5pins/5孔	A code/A型	12ZS36-PG7	12ZS36-PG9
8pins/8孔	A code/A型	12ZS38-PG7	12ZS38-PG9
12pins/12孔	A code/A型	12ZS74-PG7	12ZS74-PG9
17pins/17孔	A code/A型	-	12ZS72-PG9

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	screw clamp/螺锁					
Degree of protection/防护等级	IP67					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm					
Environmental compliance/环境符合标准	RoHS, Reach					

M12 A code male right angle metal assembly connector with shielded/M12, A型公头弯头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图

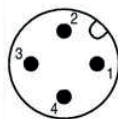


Pin assignment front view/针位分布前视图

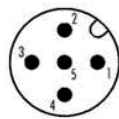
A code 3pins
A型3针



A code 4pins
A型4针



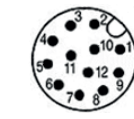
A code 5pins
A型5针



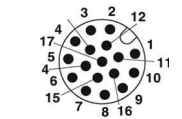
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

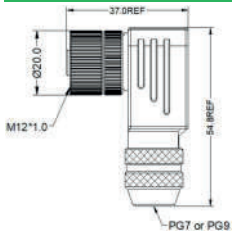
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3针	A code/A型	12ZS41-PG7	12ZS41-PG9
4pins/4针	A code/A型	12ZS43-PG7	12ZS43-PG9
5pins/5针	A code/A型	12ZS45-PG7	12ZS45-PG9
8pins/8针	A code/A型	12ZS47-PG7	12ZS47-PG9
12pins/12针	A code/A型	12ZS75-PG7	12ZS75-PG9
17pins/17针	A code/A型	-	12ZS77-PG9

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	screw clamp/螺锁					
Degree of protection/防护等级	IP67					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm					
Environmental compliance/环境符合标准	RoHS, Reach					

M12 A code female right angle metal assembly connector with shielded/M12, A型母头弯头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

A code 3pins

A型3孔



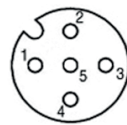
A code 4pins

A型4孔



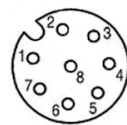
A code 5pins

A型5孔



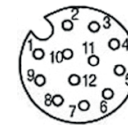
A code 8pins

A型8孔



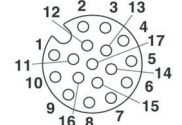
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

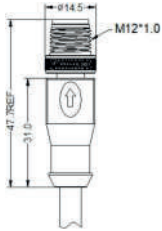
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
3pins/3孔	A code/A型	12ZS42-PG7	12ZS42-PG9
4pins/4孔	A code/A型	12ZS44-PG7	12ZS44-PG9
5pins/5孔	A code/A型	12ZS46-PG7	12ZS46-PG9
8pins/8孔	A code/A型	12ZS48-PG7	12ZS48-PG9
12pins/12孔	A code/A型	12ZS76-PG7	12ZS76-PG9
17pins/17孔	A code/A型	-	12ZS78-PG9

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V	60V	30V			
Rated current(40°C)/额定电流	4A		2A	1.5A	1.5A	
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	screw clamp/螺锁					
Degree of protection/防护等级	IP67					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Ambient temperature (operation)/操作温度	-25°C~+85°C					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
O-ring material/胶圈材料	Fluorine ring/氟胶圈					
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm					
Environmental compliance/环境符合标准	RoHS, Reach					

M12 A code male straight molded cable, unshielded/M12, A型公头直头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图

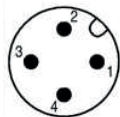


Pin assignment front view/针位分布前视图

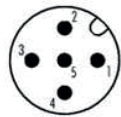
A code 3pins
A型3针



A code 4pins
A型4针



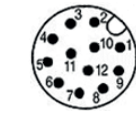
A code 5pins
A型5针



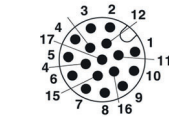
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

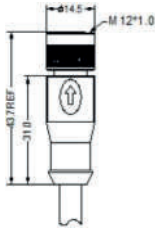
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3针	A code/A型	12L001-X	12L041-X	12L081-X	12L121-X
4pins/4针	A code/A型	12L005-X	12L045-X	12L085-X	12L125-X
5pins/5针	A code/A型	12L009-X	12L049-X	12L089-X	12L129-X
8pins/8针	A code/A型	12L013-X	12L053-X	12L093-X	12L133-X
12pins/12针	A code/A型	12L017-X	12L057-X	12L097-X	12L137-X
17pins/17针	A code/A型	12L758-X	12L747-X	12L810-X	12L676-X

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight molded cable, unshielded/M12, A型母头直头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

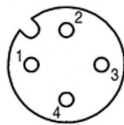
A code 3pins

A型3孔



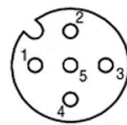
A code 4pins

A型4孔



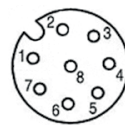
A code 5pins

A型5孔



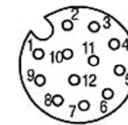
A code 8pins

A型8孔



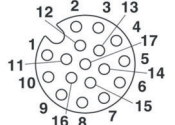
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

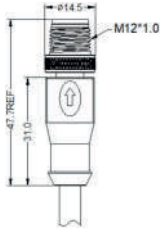
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3孔	A code/A型	12L002-X	12L042-X	12L082-X	12L122-X
4pins/4孔	A code/A型	12L006-X	12L046-X	12L086-X	12L126-X
5pins/5孔	A code/A型	12L010-X	12L050-X	12L090-X	12L130-X
8pins/8孔	A code/A型	12L014-X	12L054-X	12L094-X	12L134-X
12pins/12孔	A code/A型	12L018-X	12L058-X	12L098-X	12L138-X
17pins/17孔	A code/A型	12L748-X	12L749-X	12L811-X	12L677-X

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male straight molded cable, shielded/M12, A型公头直头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图

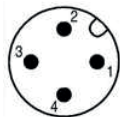


Pin assignment front view/针位分布前视图

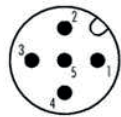
A code 3pins
A型3针



A code 4pins
A型4针



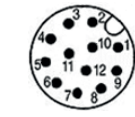
A code 5pins
A型5针



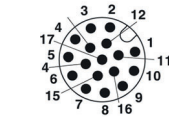
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

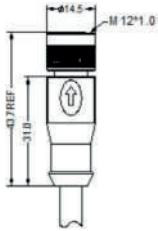
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3针	A code/A型	12L021-X	12L061-X	12L101-X	12L141-X
4pins/4针	A code/A型	12L025-X	12L065-X	12L105-X	12L145-X
5pins/5针	A code/A型	12L029-X	12L069-X	12L109-X	12L149-X
8pins/8针	A code/A型	12L033-X	12L073-X	12L113-X	12L153-X
12pins/12针	A code/A型	12L037-X	12L077-X	12L117-X	12L157-X
17pins/17针	A code/A型	12L812-X	12L813-X	12L814-X	12L815-X

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female straight molded cable, shielded/M12, A型母头直头成型式连接线, 带屏蔽

Illustration/尺寸

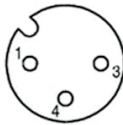


Product photo/产品图

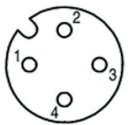


Pin assignment front view/孔位分布前视图

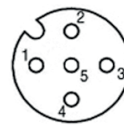
A code 3pins
A型3孔



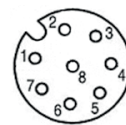
A code 4pins
A型4孔



A code 5pins
A型5孔



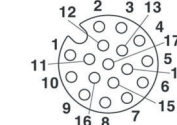
A code 8pins
A型8孔



A code 12pins
A型12孔



A code 17pins
A型17孔



Part number/产品料号

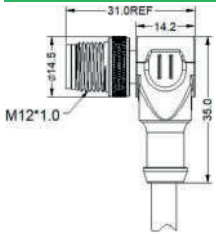
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3孔	A code/A型	12L022-X	12L062-X	12L102-X	12L142-X
4pins/4孔	A code/A型	12L026-X	12L066-X	12L106-X	12L146-X
5pins/5孔	A code/A型	12L030-X	12L070-X	12L110-X	12L150-X
8pins/8孔	A code/A型	12L034-X	12L074-X	12L114-X	12L154-X
12pins/12孔	A code/A型	12L038-X	12L078-X	12L118-X	12L158-X
17pins/17孔	A code/A型	12L816-X	12L817-X	12L818-X	12L819-X

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male right angle molded cable, unshielded/M12, A型公头弯头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图

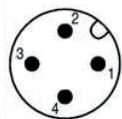


Pin assignment front view/针位分布前视图

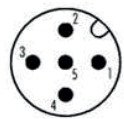
A code 3pins
A型3针



A code 4pins
A型4针



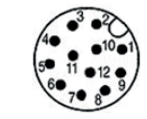
A code 5pins
A型5针



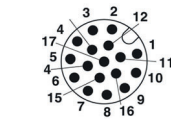
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

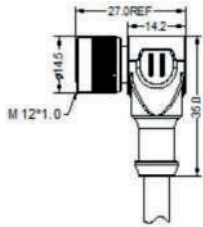
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3针	A code/A型	12L003-X	12L043-X	12L083-X	12L123-X
4pins/4针	A code/A型	12L007-X	12L047-X	12L087-X	12L127-X
5pins/5针	A code/A型	12L011-X	12L051-X	12L091-X	12L131-X
8pins/8针	A code/A型	12L015-X	12L055-X	12L095-X	12L135-X
12pins/12针	A code/A型	12L019-X	12L059-X	12L099-X	12L139-X
17pins/17针	A code/A型	12L793-X	12L820-X	12L821-X	12L822-X

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female right angle molded cable, unshielded/M12, A型母头弯头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

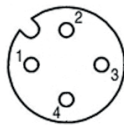
A code 3pins

A型3孔



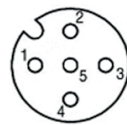
A code 4pins

A型4孔



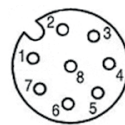
A code 5pins

A型5孔



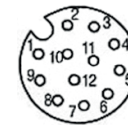
A code 8pins

A型8孔



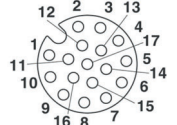
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

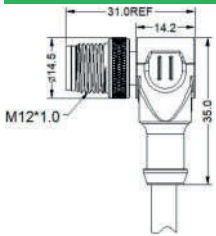
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3孔	A code/A型	12L004-X	12L044-X	12L084-X	12L124-X
4pins/4孔	A code/A型	12L008-X	12L048-X	12L088-X	12L128-X
5pins/5孔	A code/A型	12L012-X	12L052-X	12L092-X	12L132-X
8pins/8孔	A code/A型	12L016-X	12L056-X	12L096-X	12L136-X
12pins/12孔	A code/A型	12L020-X	12L060-X	12L100-X	12L140-X
17pins/17孔	A code/A型	12L796-X	12L517-X	12L823-X	12L824-X

General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code male right angle molded cable, shielded/M12, A型公头弯头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图

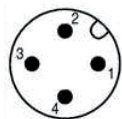


Pin assignment front view/针位分布前视图

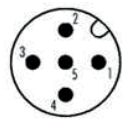
A code 3pins
A型3针



A code 4pins
A型4针



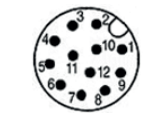
A code 5pins
A型5针



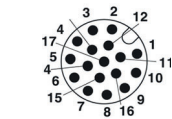
A code 8pins
A型8针



A code 12pins
A型12针



A code 17pins
A型17针



Part number/产品料号

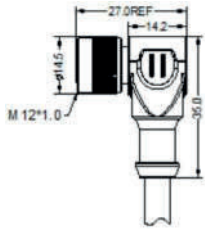
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3针	A code/A型	12L023-X	12L063-X	12L103-X	12L143-X
4pins/4针	A code/A型	12L027-X	12L067-X	12L107-X	12L147-X
5pins/5针	A code/A型	12L031-X	12L071-X	12L111-X	12L151-X
8pins/8针	A code/A型	12L035-X	12L075-X	12L115-X	12L155-X
12pins/12针	A code/A型	12L039-X	12L079-X	12L119-X	12L159-X
17pins/17针	A code/A型	12L825-X	12L826-X	12L833-X	12L834-X

General Data/常规数据

Pins Numbers/针数	3pins/3针	4pins/4针	5pins/5针	8pins/8针	12pins/12针	17pins/17针
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Brass with gold plated/黄铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

M12 A code female right angle molded cable, shielded/M12, A型母头弯头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

A code 3pins

A型3孔



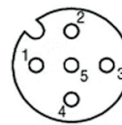
A code 4pins

A型4孔



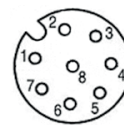
A code 5pins

A型5孔



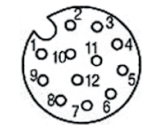
A code 8pins

A型8孔



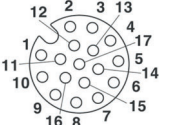
A code 12pins

A型12孔



A code 17pins

A型17孔



Part number/产品料号

Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
3pins/3孔	A code/A型	12L024	12L064	12L104	12L144
4pins/4孔	A code/A型	12L028	12L068	12L108	12L148
5pins/5孔	A code/A型	12L032	12L072	12L112	12L152
8pins/8孔	A code/A型	12L036	12L076	12L116	12L156
12pins/12孔	A code/A型	12L040	12L080	12L120	12L160
17pins/17孔	A code/A型	12L829	12L830	12L831	12L832

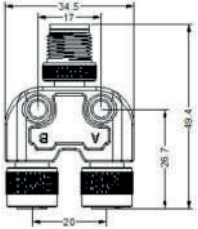
General Data/常规数据

Pins Numbers/孔数	3pins/3孔	4pins/4孔	5pins/5孔	8pins/8孔	12pins/12孔	17pins/17孔
Rated voltage/额定电压	250V		60V	30V		
Rated current(40°C)/额定电流	4A			2A	1.5A	1.5A
Standards/regulations/标准	IEC 61076-2-101					
Termination/焊接方式	solder and over-mold/焊接和成型					
Degree of protection/防护等级	IP67, IP68, IP69K					
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²					
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG					
Mechanical operation/插拔次数	>100 mating cycles/大于100次					
Contact resistance/接触电阻	≤5mΩ					
Insulation resistance/绝缘电阻	≥100MΩ					
Connector body material/胶芯材料	TPU					
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金					
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍					
Environmental compliance/环境符合标准	RoHs, Reach					

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广东省深圳市龙岗区龙岗街道龙东社区爱南路78号利好工业园9栋5楼

M12 A code one male to two female Y splitter connector/M12, A型1公对2母Y型连接器

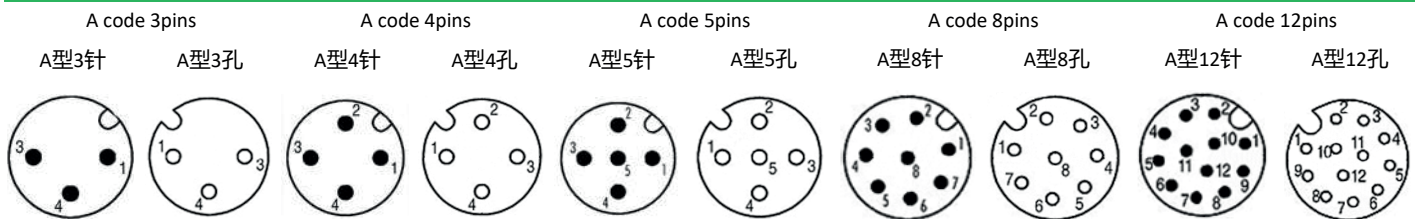
Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图



Part number/产品料号

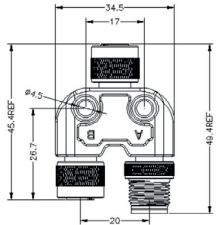
Pins/孔数	Code/型	Part number/产品料号
3pins	A code/A型	12Y001
4pins	A code/A型	12Y002
5pins	A code/A型	12Y003
8pins	A code/A型	12Y004
12pins	A code/A型	12Y005

General Data/常规数据

Pins Numbers/针孔数	3pins/3针孔	4pins/4针孔	5pins/5针孔	8pins/8针孔	12pins/12针孔
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	solder and over-mold/焊接和成型				
Degree of protection/防护等级	IP67, IP68, IP69K				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins male material/针材料	Brass with gold plated/黄铜镀金				
Pins female material/针材料	Phosphorus copper with gold plated/磷铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
Over-mold material/成型材料	TPU				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
Environmental compliance/环境符合标准	RoHS, Reach				

M12 A code one female to one male + one female Y splitter connector/M12, A型1母对1公+1母Y型连接器

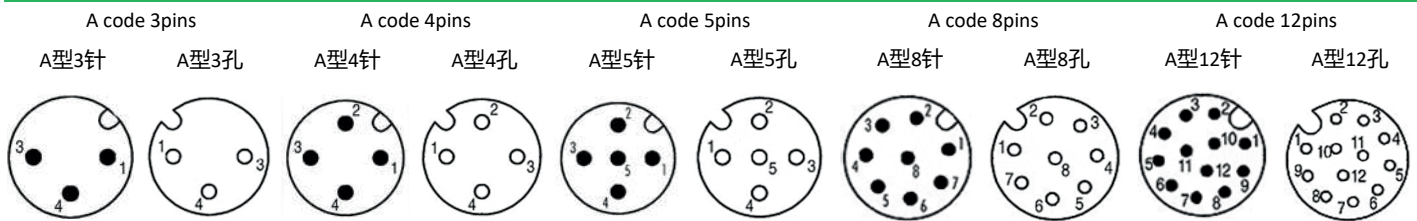
Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图



Part number/产品料号

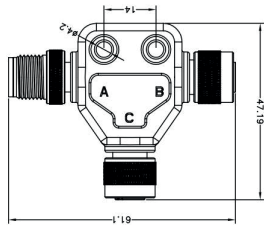
Pins/孔数	Code/型	Part number/产品料号
3pins	A code/A型	12Y016
4pins	A code/A型	12Y017
5pins	A code/A型	12Y009
8pins	A code/A型	12Y018
12pins	A code/A型	12Y019

General Data/常规数据

Pins Numbers/针孔数	3pins/3针孔	4pins/4针孔	5pins/5针孔	8pins/8针孔	12pins/12针孔
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	solder and over-mold/焊接和成型				
Degree of protection/防护等级	IP67, IP68, IP69K				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins male material/针材料	Brass with gold plated/黄铜镀金				
Pins female material/针材料	Phosphorus copper with gold plated/磷铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
Over-mold material/成型材料	TPU				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
Environmental compliance/环境符合标准	RoHS, Reach				

M12 A code one female to one male + one female T splitter connector/M12, A型1母对1公+1母T型连接器

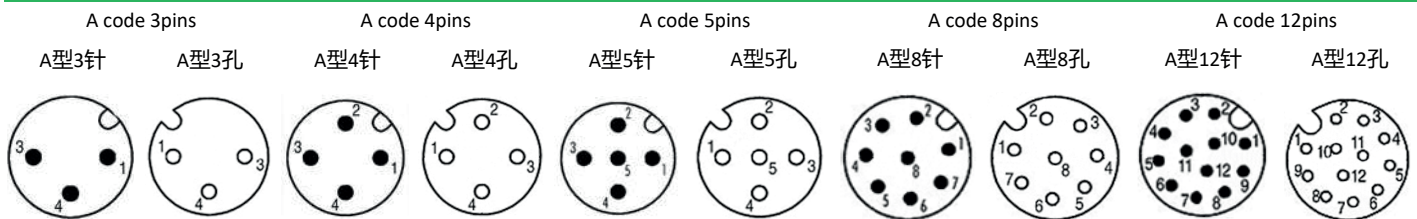
Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图



Part number/产品料号

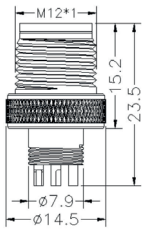
Pins/孔数	Code/型	Part number/产品料号
3pins	A code/A型	12T001
4pins	A code/A型	12T002
5pins	A code/A型	12T003
8pins	A code/A型	12T004
12pins	A code/A型	12T005

General Data/常规数据

Pins Numbers/针孔数	3pins/3针孔	4pins/4针孔	5pins/5针孔	8pins/8针孔	12pins/12针孔
Rated voltage/额定电压	250V	250V	60V	30V	30V
Rated current(40°C)/额定电流	4A	4A	4A	2A	1.5A
Standards/regulations/标准	IEC 61076-2-101				
Termination/焊接方式	solder and over-mold/焊接和成型				
Degree of protection/防护等级	IP67, IP68, IP69K				
Mechanical operation/插拔次数	>100 mating cycles/大于100次				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	≥100MΩ				
Connector body material/胶芯材料	TPU				
Pins male material/针材料	Brass with gold plated/黄铜镀金				
Pins female material/针材料	Phosphorus copper with gold plated/磷铜镀金				
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍				
Over-mold material/成型材料	TPU				
O-ring material/胶圈材料	Fluorine ring/氟胶圈				
Environmental compliance/环境符合标准	RoHS, Reach				

M12 B code male moldable connector/M12, B型公头成型式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

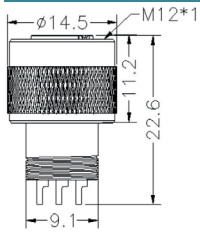
Pins/针数	Code/型	Part number/产品料号
5pins/5针	B code/B型	12C087

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female moldable connector/M12, B型母头成型式连接器

Illustration/尺寸



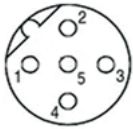
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

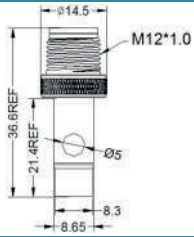
Pins/孔数	Code/型	Part number/产品料号
5pins/5孔	B code/B型	12C088

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male moldable connector with shielded/M12, B型公头成型式连接器带屏蔽

Illustration/尺寸



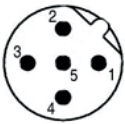
Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

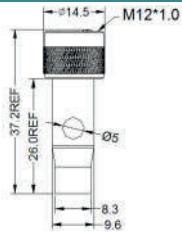
Pins/孔数	Code/型	Part number/产品料号
5pins/5针	B code/B型	12C125

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female moldable connector with shielded/M12, B型母头成型式连接器带屏蔽

Illustration/尺寸



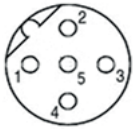
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

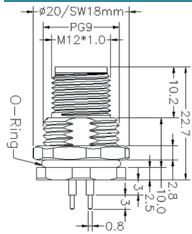
Pins/孔数	Code/型	Part number/产品料号
5pins/5孔	B code/B型	12C126

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight front panel mount connector with solder pcb contact/M12, B型公头直头前锁面板板端

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

Pins/针数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5针	B code/B型	12B041	12B045

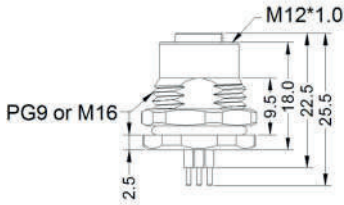
General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/针材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight front panel mount connector with solder pcb contact/M12, B型母头直头前锁面板板端

Illustration/尺寸

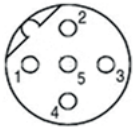
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5孔	B code/B型	12B043	12B047

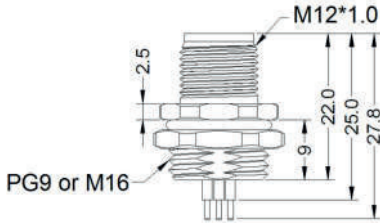
General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight rear panel mount connector with solder pcb contact/M12, B型公头直头后锁面板板端

Illustration/尺寸

Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

Pins/针数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5针	B code/B型	12B042	12B046

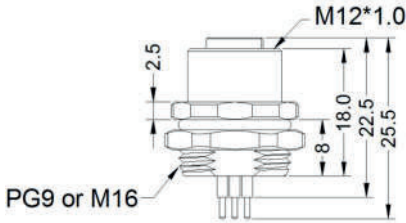
General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/针材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight rear panel mount connector with solder pcb contact/M12, B型母头直头后锁面板板端

Illustration/尺寸

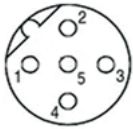
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5孔	B code/B型	12B044	12B048

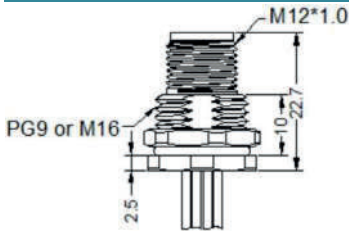
General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight front panel mount connector with wire/M12, B型公头直头前锁面板带线

Illustration/尺寸

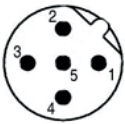
Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5针	B code/B型	12D041-X	12D045-X

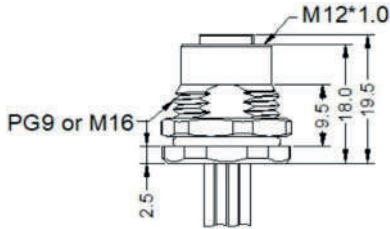
General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight front panel mount connector with wire/M12, B型母头直头前锁面板带线

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5孔	B code/B型	12D043-X	12D047-X

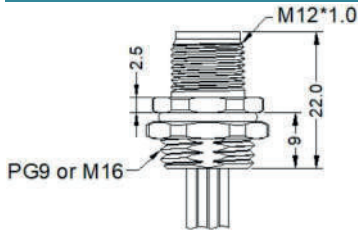
General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight rear panel mount connector with wire/M12, B型公头直头后锁面板带线

Illustration/尺寸

Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5针	B code/B型	12D042-X	12D046-X

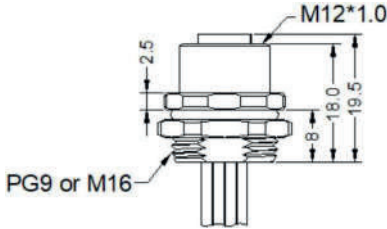
General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight rear panel mount connector with wire/M12, B型母头直头后锁面板带线

Illustration/尺寸

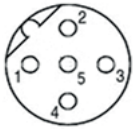
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

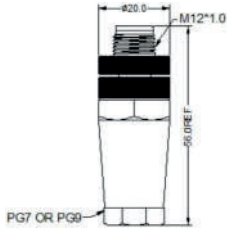
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
5pins/5孔	B code/B型	12D044-X	12D048-X

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight plastic assembly connector/M12, B型公头直头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

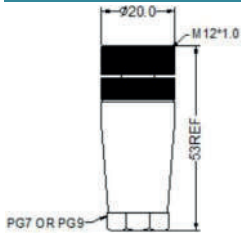
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5针	B code/B型	12ZU51-PG7	12ZU51-PG9

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female straight plastic assembly connector/M12, B型母头直头塑胶装配式连接器

Illustration/尺寸



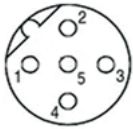
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

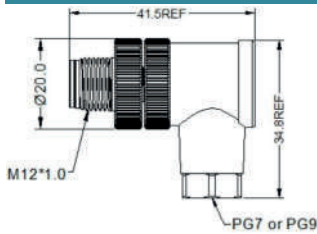
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5孔	B code/B型	12ZU52-PG7	12ZU52-PG9

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code male right angle plastic assembly connector/M12, B型公头弯头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

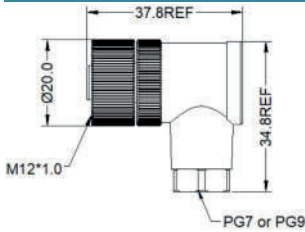
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5针	B code/B型	12ZU53-PG7	12ZU53-PG9

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female right angle plastic assembly connector/M12, B型母头弯头塑胶装配式连接器

Illustration/尺寸



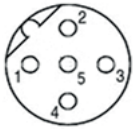
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

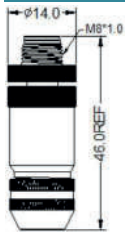
Pins/孔数	Code/型	Part number/产品料号	
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5pins/5孔	B code/B型	12ZU54-PG7	12ZU54-PG9

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code male straight metal assembly connector with shielded/M12, B型公头直头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

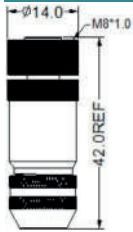
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5针	B code/B型	12ZS55-PG7	12ZS55-PG9

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female straight metal assembly connector with shielded/M12, B型母头直头金属装配式连接器带屏蔽

Illustration/尺寸



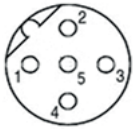
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

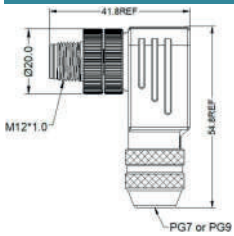
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5孔	B code/B型	12ZS56-PG7	12ZS56-PG9

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code male right angle metal assembly connector with shielded/M12, B型公头弯头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

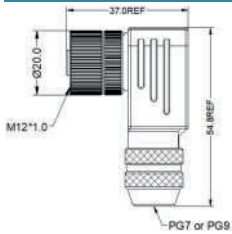
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5针	B code/B型	12ZS57-PG7	12ZS57-PG9

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code female right angle metal assembly connector with shielded/M12, B型母头弯头金属装配式连接器带屏蔽

Illustration/尺寸



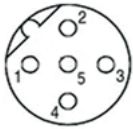
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

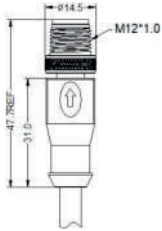
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
5pins/5孔	B code/B型	12ZS58-PG7	12ZS58-PG9

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 B code male straight molded cable, unshielded/M12, B型公头直头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

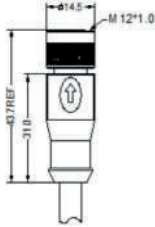
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5针	B code/B型	12L161-X	12L169-X	12L177-X	12L185-X

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight molded cable, unshielded/M12, B型母头直头成型式连接线, 非屏蔽

Illustration/尺寸



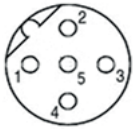
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

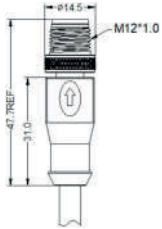
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5孔	B code/B型	12L162-X	12L170-X	12L178-X	12L186-X

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male straight molded cable, shielded/M12, B型公头直头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

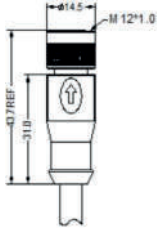
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5针	B code/B型	12L165-X	12L173-X	12L181-X	12L189-X

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female straight molded cable, shielded/M12, B型母头直头成型式连接线, 带屏蔽

Illustration/尺寸



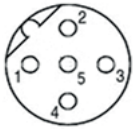
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

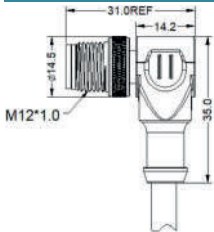
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5孔	B code/B型	12L166-X	12L174-X	12L182-X	12L190-X

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male right angle molded cable, unshielded/M12, B型公头弯头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

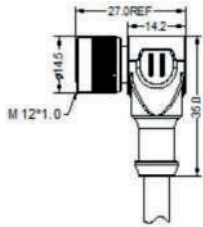
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5针	B code/B型	12L163-X	12L171-X	12L179-X	12L187-X

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female right angle molded cable, unshielded/M12, B型母头弯头成型式连接线, 非屏蔽

Illustration/尺寸



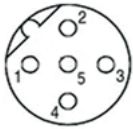
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

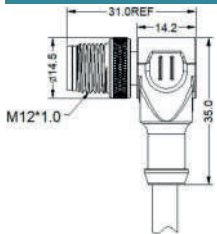
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5孔	B code/B型	12L164-X	12L172-X	12L180-X	12L188-X

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code male right angle molded cable, shielded/M12, B型公头弯头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

B code 5pins

B型5针



Part number/产品料号

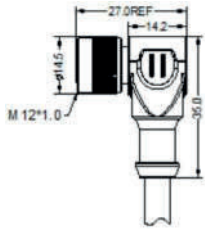
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5针	B code/B型	12L167-X	12L175-X	12L183-X	12L191

General Data/常规数据

Pins Numbers/针数	5pins/5针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 B code female right angle molded cable, shielded/M12, B型母头弯头成型式连接线, 带屏蔽

Illustration/尺寸



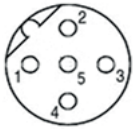
Product photo/产品图



Pin assignment front view/孔位分布前视图

B code 5pins

B型5孔



Part number/产品料号

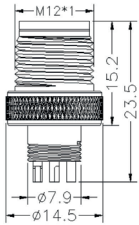
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
5pins/5孔	B code/B型	12L168-X	12L176-X	12L184-X	12L192-X

General Data/常规数据

Pins Numbers/孔数	5pins/5孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male moldable connector/M12, D型公头成型式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

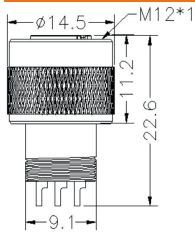
Pins/针数	Code/型	Part number/产品料号
4pins/4针	D code/D型	12C139

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female moldable connector/M12, D型母头成型式连接器

Illustration/尺寸



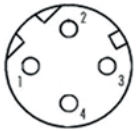
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

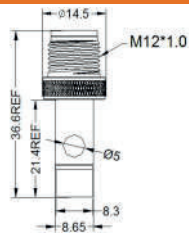
Pins/孔数	Code/型	Part number/产品料号
4pins/4孔	D code/D型	12C140

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male moldable connector with shielded/M12, D型公头成型式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

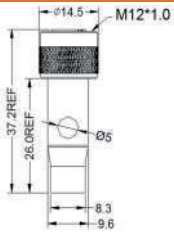
Pins/孔数	Code/型	Part number/产品料号
4pins/4针	D code/D型	12C127

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code female moldable connector with shielded/M12, D型母头成型式连接器带屏蔽

Illustration/尺寸



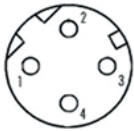
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号
4pins/4孔	D code/D型	12C144

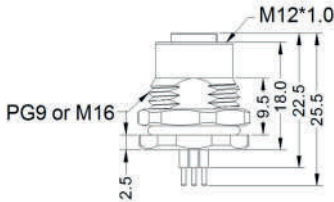
General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight front panel mount connector with solder pcb contact/M12, D型母头直头前锁面板板端

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4孔	D code/D型	12B051	12B055

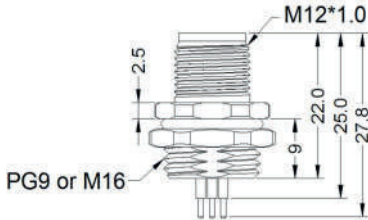
General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male straight rear panel mount connector with solder pcb contact/M12, D型公头直头后锁面板板端

Illustration/尺寸

Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

Pins/针数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4针	D code/D型	12B050	12B054

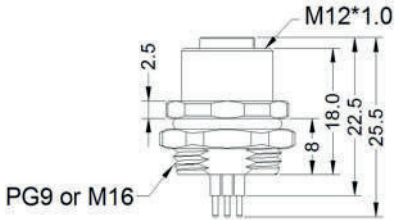
General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/针材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight rear panel mount connector with solder pcb contact/M12, D型母头直头后锁面板板端

Illustration/尺寸

Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

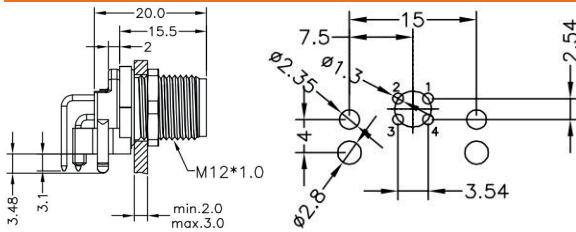
Pins/孔数	Code/型	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4孔	D code/D型	12B052	12B056

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male right angle front panel mount connector with solder pcb contact/M12, D型公头弯头前锁面板板端

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

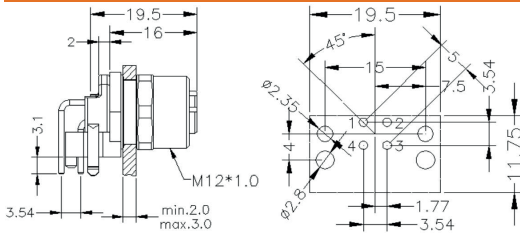
Pins/针数	Code/型	Part number/产品料号
4pins/4针	D code/D型	12B114

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female right angle front panel mount connector with solder pcb contact/M12, D型母头弯头前锁面板板端

Illustration/尺寸



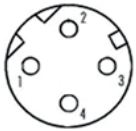
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

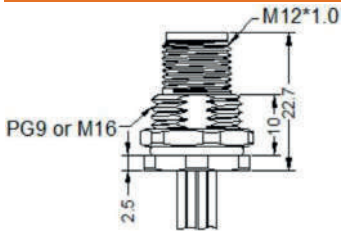
Pins/孔数	Code/型	Part number/产品料号
4pins/4孔	D code/D型	12B115

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male straight front panel mount connector with wire/M12, D型公头直头前锁面板带线

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4针	D code/D型	12D049-X	12D053-X

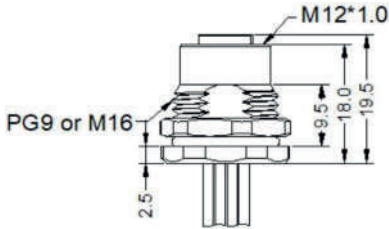
General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight front panel mount connector with wire/M12, D型母头直头前锁面板带线

Illustration/尺寸

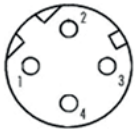
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

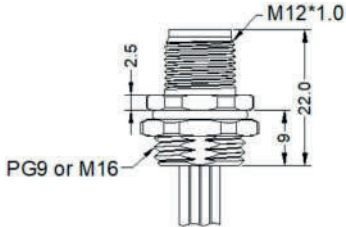
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4孔	D code/D型	12D051-X	12D055-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male straight rear panel mount connector with wire/M12, D型公头直头后锁面板带线

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4针	D code/D型	12D050-X	12D054-X

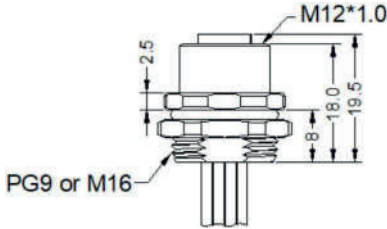
General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight rear panel mount connector with wire/M12, D型母头直头后锁面板带线

Illustration/尺寸

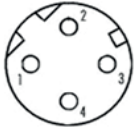
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

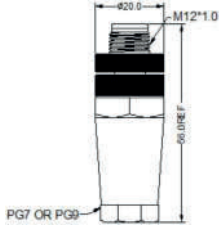
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
4pins/4孔	D code/D型	12D052-X	12D056-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male straight plastic assembly connector/M12, D型公头直头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

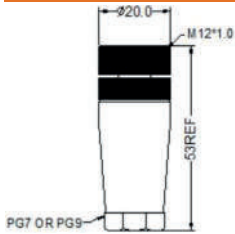
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4针	D code/D型	12ZU61-PG7	12ZU61-PG9

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code female straight plastic assembly connector/M12, D型母头直头塑胶装配式连接器

Illustration/尺寸



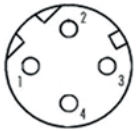
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

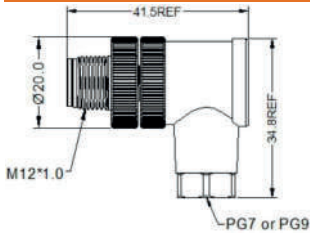
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4孔	D code/D型	12ZU62-PG7	12ZU62-PG9

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code male right angle plastic assembly connector/M12, D型公头弯头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

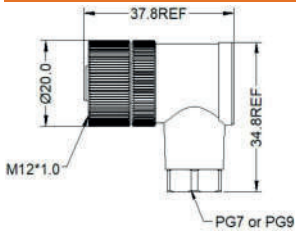
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4针	D code/D型	12ZU63-PG7	12ZU63-PG9

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code female right angle plastic assembly connector/M12, D型母头弯头塑胶装配式连接器

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

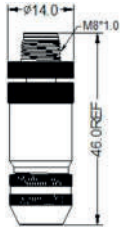
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4孔	D code/D型	12ZU64-PG7	12ZU64-PG9

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code male straight metal assembly connector with shielded/M12, D型公头直头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

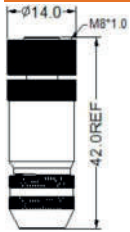
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4针	D code/D型	12ZS65-PG7	12ZS65-PG9

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code female straight metal assembly connector with shielded/M12, D型母头直头金属装配式连接器带屏蔽

Illustration/尺寸



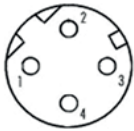
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

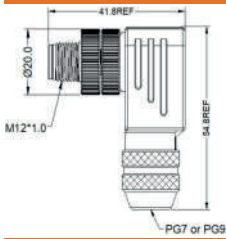
Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4孔	D code/D型	12ZS66-PG7	12ZS66-PG9

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code male right angle metal assembly connector with shielded/M12, D型公头弯头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

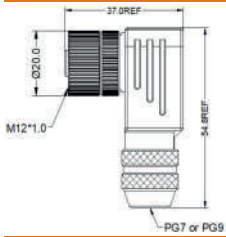
Pins/针数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4针	D code/D型	12ZS67-PG7	12ZS67-PG9

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code female right angle metal assembly connector with shielded/M12, D型母头弯头金属装配式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



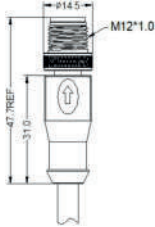
Part number/产品料号

Pins/孔数	Code/型	Part number/产品料号	
		PG7 thread/PG7螺纹	PG9 thread/PG9螺纹
4pins/4孔	D code/D型	12ZS68-PG7	12ZS68-PG9

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
PG7: Cable diameter 4mm~6mm	PG9: Cable diameter 6mm~8mm
Environmental compliance/环境符合标准	RoHS, Reach

M12 D code male straight molded cable, unshielded/M12, D型公头直头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

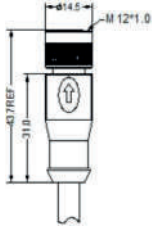
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	D code/D型	12L193-X	12L201-X	12L209-X	12L217-X

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight molded cable, unshielded/M12, D型母头直头成型式连接线, 非屏蔽

Illustration/尺寸



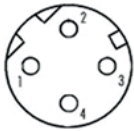
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

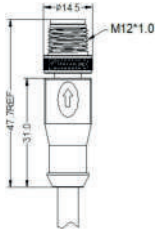
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4孔	D code/D型	12L194-X	12L202-X	12L210-X	12L218-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male straight molded cable, shielded/M12, D型公头直头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



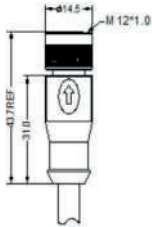
Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	D code/D型	12L197-X	12L205-X	12L213-X	12L221-X

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female straight molded cable, shielded/M12, D型母头直头成型式连接线, 带屏蔽

Illustration/尺寸



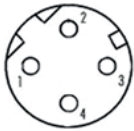
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

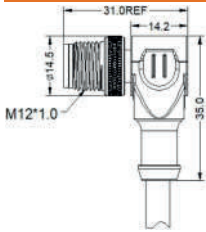
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4孔	D code/D型	12L198-X	12L206-X	12L214-X	12L222-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male right angle molded cable, unshielded/M12, D型公头弯头成型式连接线, 非屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

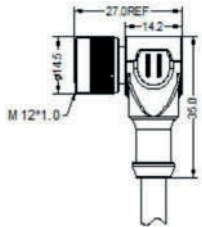
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	D code/D型	12L195-X	12L203-X	12L211-X	12L219-X

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female right angle molded cable, unshielded/M12, D型母头弯头成型式连接线, 非屏蔽

Illustration/尺寸



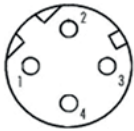
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

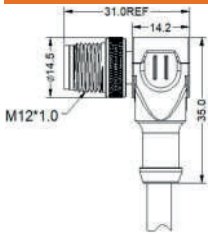
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4孔	D code/D型	12L196-X	12L204-X	12L212-X	12L220-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code male right angle molded cable, shielded/M12, D型公头弯头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

D code 4pins

D型4针



Part number/产品料号

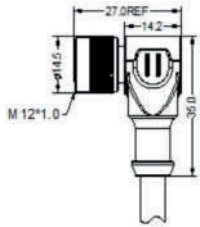
Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	D code/D型	12L199-X	12L207-X	12L215-X	12L223-X

General Data/常规数据

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 D code female right angle molded cable, shielded/M12, D型母头弯头成型式连接线, 带屏蔽

Illustration/尺寸



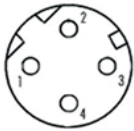
Product photo/产品图



Pin assignment front view/孔位分布前视图

D code 4pins

D型4孔



Part number/产品料号

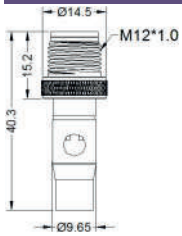
Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4孔	D code/D型	12L200-X	12L208-X	12L216-X	12L224-X

General Data/常规数据

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	250V
Rated current(40°C)/额定电流	4A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.75mm²
Wire gauge(AWG)/线号(平方数)	26AWG-18AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code male moldable connector with shielded/M12, X型公头成型式连接器带屏蔽

Illustration/尺寸



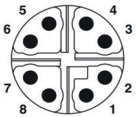
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8针



Part number/产品料号

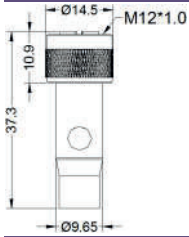
Pins/针数	Code/编码	Part number/产品料号
8pins/8针	X code/X型	12C037

General Data/常规数据

Pins Numbers/针数	8pins/8针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHS, Reach

M12 X code female moldable connector with shielded/M12, X型母头成型式连接器带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/孔位分布前视图

X code 8pins

X型8孔



Part number/产品料号

Pins/孔数	Code/编码	Part number/产品料号
8pins/8孔	X code/X型	12C038

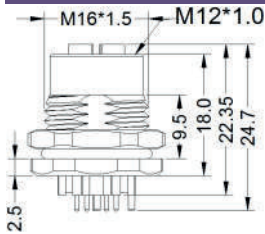
General Data/常规数据

Pins Numbers/孔数	8pins/8孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder/焊接
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code female straight front panel mount connector with solder pcb contact/M12, X型母头直头前锁面板板端

Illustration/尺寸

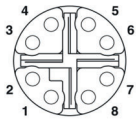
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8孔



Part number/产品料号

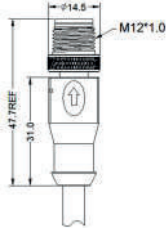
Pins/孔数	Code/编码	Part number/产品料号	
		PG9 thread 15.3±0.1/PG9螺纹15.3±0.1	M16 thread 16±0.1/M16螺纹16±0.1
8pins/8针	X code/X型	12B158	12B094

General Data/常规数据

Pins Numbers/孔数	8pins/8孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder PCB/PCB焊接
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67, IP68, IP69K
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/针材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code male straight molded cable, shielded/M12, X型公头直头成型式连接线, 带屏蔽

Illustration/尺寸



Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8针



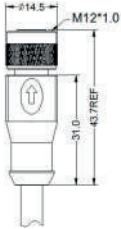
Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	X code/X型	12L337-X	12L339-X	12L341-X	12L411-X

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code female straight molded cable, shielded/M12, X型母头直头成型式连接线, 带屏蔽

Illustration/尺寸



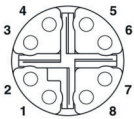
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8孔



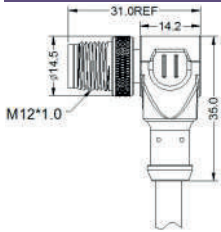
Part number/产品料号

Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
8pins/8孔	X code/X型	12L338-X	12L340-X	12L342-X	12L344-X

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code male right angle molded cable, shielded/M12, X型公头弯头成型式连接线, 带屏蔽

Illustration/尺寸



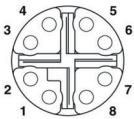
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8针



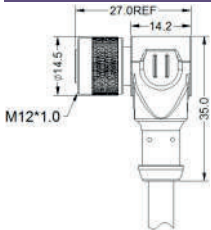
Part number/产品料号

Pins/针数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
4pins/4针	X code/X型	12L345-X	12L347-X	12L349-X	12L351-X

Pins Numbers/针数	4pins/4针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code female right angle molded cable, shielded/M12, X型母头弯头成型式连接线, 带屏蔽

Illustration/尺寸



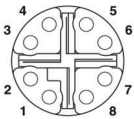
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8孔



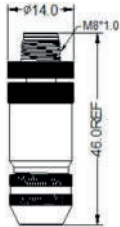
Part number/产品料号

Pins/孔数	Code/型	Part number("X" is length millimetre mm)/产品料号("X"表示长度, 单位毫米mm)			
		PVC		PUR	
		-10°C~+80°C	-40°C~+105°C	-10°C~+80°C	-40°C~+105°C
8pins/8孔	X code/X型	12L346-X	12L348-X	12L350-X	12L352-X

Pins Numbers/孔数	4pins/4孔
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Degree of protection/防护等级	IP67, IP68, IP69K
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Phosphorus copper with gold plated/磷铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
Environmental compliance/环境符合标准	RoHs, Reach

M12 X code male straight metal assembly connector with shielded/M12, X型公头直头金属装配式连接器带屏蔽

Illustration/尺寸



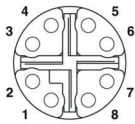
Product photo/产品图



Pin assignment front view/针位分布前视图

X code 8pins

X型8针



Part number/产品料号

Pins/针数	Code/型	Part number/产品料号
8pins/8针	X code/X型	12ZS69-PG9

General Data/常规数据

Pins Numbers/针数	8pins/8针
Rated voltage/额定电压	60V
Rated current(40°C)/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination/焊接方式	screw clamp/螺锁
Degree of protection/防护等级	IP67
Wire gauge(mm²)/线规(平方数)	0.14mm²
Wire gauge(AWG)/线号(平方数)	26AWG
Suitable cable outer diameter/适合线材外径	4.0mm-8.0mm
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-25°C~+85°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Connector body material/胶芯材料	TPU
Pins material/端子材料	Brass with gold plated/黄铜镀金
Screw/螺丝材料	Brass with nickel plated/黄铜镀镍
O-ring material/胶圈材料	Fluorine ring/氟胶圈
Environmental compliance/环境符合标准	RoHs, Reach