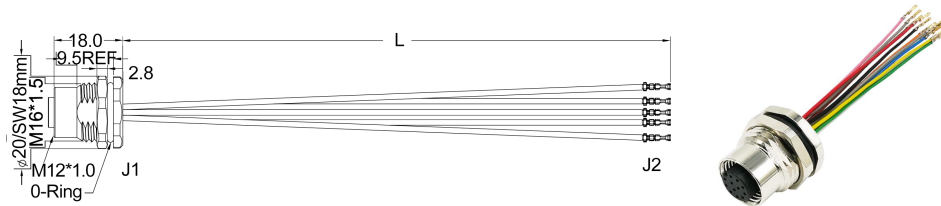


M12 12pins A code female front mount connector to Amphenol 77138-101LF cable/M12,12孔A型母头前锁面板连接器对Amphenol 77138-101LF连接线

Scale drawing/尺寸图

Product photo/产品图



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)
12pins/12孔	A code/A型	12AMPD003-X

Pin assignment front view/针位分布前视图

A code 12pins
12pins/12孔



Connection diagram/连接图

J1	J2
1	O-TER Red 红色
2	O-TER Black 黑色
3	O-TER Yellow 黄色
4	O-TER Green 绿色
5	O-TER White 白色
6	O-TER Blue 蓝色
7	O-TER Brown 棕色
8	O-TER Pink 粉色
9	O-TER Gray 灰色
10	O-TER Gray 灰色
11	O-TER Light green 浅绿色
12	O-TER Orange 橙色

General data/常规数据

Pin numbers/针数	12pins/12孔
Rated voltage/额定电压	30V
Rated current(40°C)/额定电流	1.5A
Standards/标准	IEC 61076-2-101
Termination/焊接方式	solder and over-mold/焊接和成型
Connector locking system/锁紧方式	Screw-locking/螺丝锁紧
Degree of protection/防护等级	IP67,IP68
Wire gauge(mm²)/线规(平方数)	0.14mm²-0.34mm²
Wire gauge(AWG)/线号(平方数)	26AWG-22AWG
Mechanical operation/插拔次数	>100 mating cycles/大于100次
Ambient temperature (operation)/操作温度	-40°C~+105°C
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	>100MΩ
Connector body/胶芯	PA66+GF
Pin/端子	Phosphorus copper with gold plated/磷铜镀金
Nut and shell/螺母和铜壳	Brass with nickel plated/黄铜镀镍
Gasket/胶圈	Fluorine ring/氟胶圈
Black glue/黑色胶水	Epoxy resin/环氧树脂
Customs tariff number/海关编码	8538900000
Environmental compliance/环境符合标准	RoHS, Reach