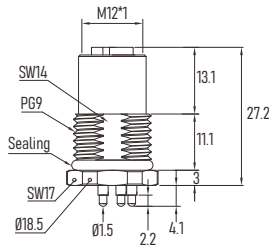


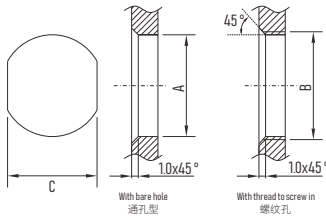
M12 L-Code female panel connector, front side fastening, with PCB contacts
M12 L-型 母头 板端连接器 屏蔽型 前锁 PCB焊针型

Front Fastened 前锁



Recommended Panel Cut-out 面板开孔建议

Chassis side	PG9	M16	M20	1/2"-14NPT
A	15.3 ^{+0.1} ₋₀	16.1 ^{+0.1} ₋₀	20.1 ^{+0.1} ₋₀	21.4 ^{+0.1} ₋₀
B	PG9	M16x1.5	M20x1.5	1/2"-14NPT
C	13.5 ^{+0.1} ₋₀	13.6 ^{+0.1} ₋₀	N/A	N/A



Connector Technical data 技术参数

Contacts No.	Pin位/芯数	4+PE (5Pin)
Front View	正视图	
Reference Standard	参照标准	IEC 61076-2-111
Rated current	额定电流	16A
Rated voltage	额定电压	63V DC
Impulse voltage	脉冲高压	1500V
Locking system	锁紧方式	M12 x 1.0 screw / M12 螺丝锁紧
Tightening Torque	螺丝扭矩	Recommend/ 建议: 0.6Nm, Max/ 最大: 1.0Nm
Termination	接线方式	PCB Dip Soldering / PCB 浸焊
Rated temperature	温度范围	-25 °C ... +80 °C; -40 °C ... +105 °C
Insulation resistance	绝缘电阻	≥100MΩ
Contact resistance	接触电阻	≤8mΩ
Contact carrier	胶芯材料	PA66 + GF
Screw nut	螺丝材料	Brass, CNC, Nickel-plated 黄铜 镀镍 机加工
Contact	Pin针端子	Phosphor bronze 磷青铜
Contacts plating	端子镀层	Au (Gold) 镀金
O-ring	密封圈	FKM/ Silicon 氟橡胶/硅胶
Protection degree	防护等级	IP67, IP68
Pollution degree	污染等级	3

Ordering No. 订购料号

Poles 芯数	Panel Front Side Fastening 板前锁		Panel Rear Side Fastening 板后锁	
	PG9	M16x1.5	PG9	M16x1.5
4+PE (5Pin)	MC05P2LPLBP9	MC05P2LPLB16	MC05P4LPLBP9	MC05P4LPLB16

PCB Layout Reference 孔位分布与钻孔建议

