



Pin assignment front view/针位分布前视图



Order data/订货信息

Contacts/芯数	Coding	Part number/料号	Qty	Contacts/芯数	Coding	Part number/料号	Qty
08Pin	X-code	M12X08-02-027	1000pcs				

Specifications/技术参数

Pin numbers/芯数	08Pin
Rated voltage/额定电压	48V
Rated current/额定电流	0.5A
Standards/regulations/标准	IEC 61076-2-101
Termination接线方式	Solder/焊线式
Connector locking system/锁紧方式	Screw/螺锁
Degree of protection/防护等级	IP67/IP68
Wire gauge (mm ²)/线规 (mm ²)	0.14mm ² ~0.75mm ²
Wire gauge (AWG)/线号 (AWG)	26AWG
Mechanical operation/插拔次数	100 mating cycles Min
Ambient temperature (operation)/工作温度	-25℃~+85℃
Contact resistance/接触电阻	≤5mΩ
Insulation resistance/绝缘电阻	≥1000MΩ
Connector body material/胶芯材料	PA66
Pin material/端子材料	Brass with gold plated
Screw material/螺丝材料	Brass with nickel plated
Gasket material/胶圈材料	Fluorine ring/氟胶圈
Shielded shell material/屏蔽罩材料	Ainc alloy with nickel plated

东莞市高迪电子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

TOLERANCE UNLESS OTHERWISE STATED: Up to 5 ±0.2, Above 5 ~ 15 ±0.3, Above 15 ~ 30 ±0.4, Above 30 ~ 50 ±0.5, Angle ±0.3°

3RD. ANGEL'S UNITS MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	12/13/19		MODLE	M12X08-02-027
CHECKED BY:	DATE	FINISH	DWG NO.	
Jacky Chen	12/13/19		PART NO.	
APPROVED BY:	DATE	SCALE	1:1	
Tony Kao	12/13/19	SHEET NO.	1 of 1	

ITEM NO.	DESCRIPTION	DRAWN	DATE

SIZE A4
VER R1