



Pin assignment front view/针位分布前视图



Contacts/芯数	Coding	Part number/料号	Qty	Contacts/芯数	Coding	Part number/料号	Qty
08Pin	X-code	M12X08-04-112	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/锁紧
Degree of protection/防护等级	IP67/IP68
Wire gauge(mm <sup>2</sup> )/线规(mm <sup>2</sup> )	0.14mm <sup>2</sup> ~0.75mm <sup>2</sup>
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

東莞市高迪電子有限公司  
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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	MATL	TITLE	CONNECTOR
Jack Lu	12/13/19		MODLE	M12X08-04-1 10
CHECKED BY:	DATE	FINISH	DWG NO.	
Jacky Chen	12/13/19		SHEET NO.	1 of 1
APPROVED BY:	DATE	SCALE	PART NO.	
Tony Kao	12/13/19	1:1		

ITEM NO.	DESCRIPTION	DRAWN	DATE

SIZE A4  
VER R1