



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
03Pin	T-code	M12S03-08-108	1000pcs				
04Pin	S-code	M12S04-08-108	1000pcs				

Specifications/技术参数

Pin numbers/芯数	03Pin	04Pin	05Pin
Rated voltage/额定电压	50V/63V		
Rated current/额定电流	12A		
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~18AWG		
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		

东莞市高迪电子有限公司
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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: Jack Lu	DATE: 12/13/19	MATL	TITLE: CONNECTOR
CHECKED BY: Jacky Chen	DATE: 12/13/19	FINISH	MODLE: M12XXX-08-108
APPROVED BY: Tony Kao	DATE: 12/13/19	SCALE: 1:1	DWG NO.
		SHEET NO: 1 of 1	PART NO.

ITEM NO.	DESCRIPTION	DRAWN	DATE