

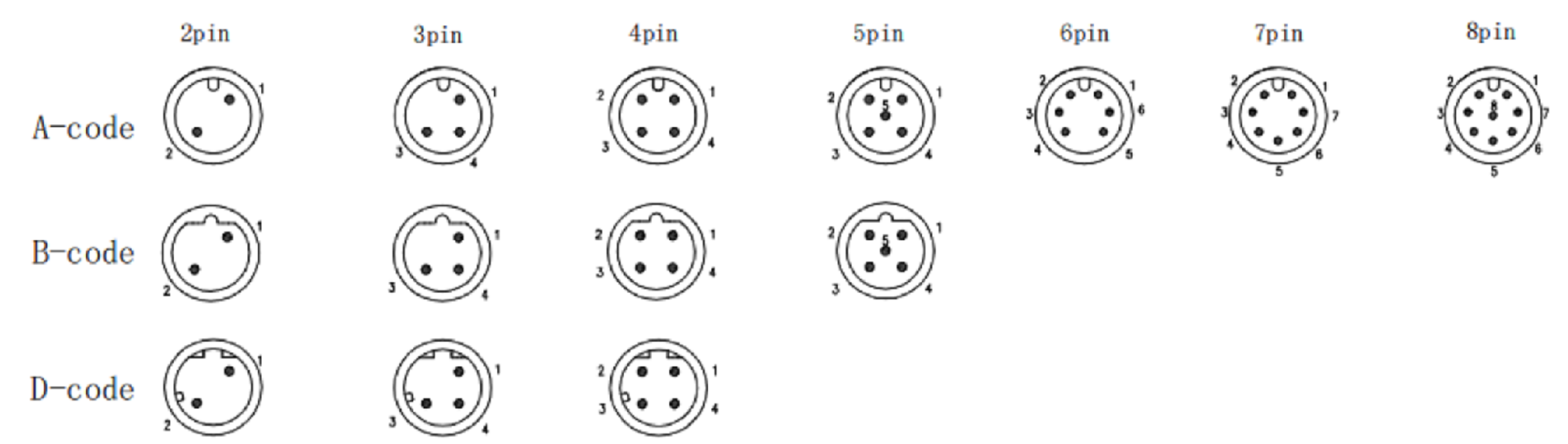
Order data/订货信息

Contacts/芯数	Coding	Part number/料号	Qty	Contacts/芯数	Coding	Part number/料号	Qty
02Pin	A-code	M12A02-03-096	1000pcs	02Pin	B-code	M12B02-03-096	1000pcs
03Pin	A-code	M12A03-03-096	1000pcs	03Pin	B-code	M12B03-03-096	1000pcs
04Pin	A-code	M12A04-03-096	1000pcs	04Pin	B-code	M12B04-03-096	1000pcs
05Pin	A-code	M12A05-03-096	1000pcs	05Pin	B-code	M12B05-03-096	1000pcs
06Pin	A-code	M12A06-03-096	1000pcs	02Pin	D-code	M12D02-03-096	1000pcs
07Pin	A-code	M12A07-03-096	1000pcs	03Pin	D-code	M12D03-03-096	1000pcs
08Pin	A-code	M12A08-03-096	1000pcs	04Pin	D-code	M12D04-03-096	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 <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

Pin assignment front view/针位分布前视图



**東莞市高迪電子有限公司**  
**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: Jack Lu	DATE: 12/13/19	MATL	TITLE: CONNECTOR
CHECKED BY: Jacky Chen	DATE: 12/13/19	FINISH	MODLE: M12XXX-03-096
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