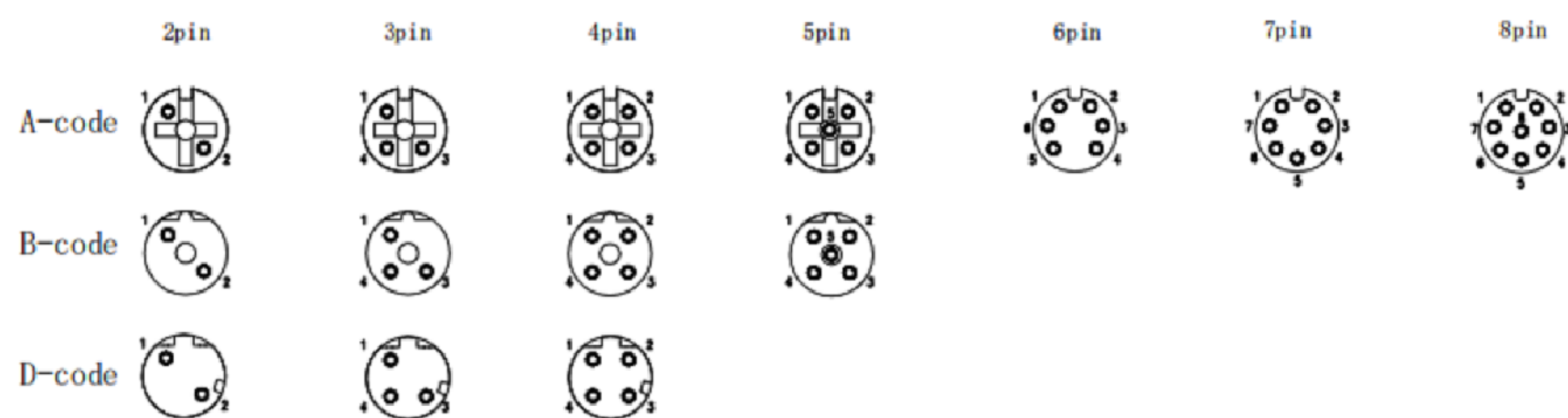


Pin assignment front view/针位分布前视图



Order data/订货信息

Contacts 芯数	Coding	Part number("X" is length millimetre mm) 产品料号("X"表示长度, 单位毫米)		Contacts 芯数	Coding	Part number("X" is length millimetre mm) 产品料号("X"表示长度, 单位毫米)	
		PVC jacket/PVC外被	PUR jacket/PUR外被			PVC jacket/PVC外被	PUR jacket/PUR外被
02Pin	A-code	M12A02-10-001-1X	M12A02-10-001-2X	02Pin	B-code	M12B02-10-001-1X	M12B02-10-001-2X
03Pin	A-code	M12A03-10-001-1X	M12A03-10-001-2X	03Pin	B-code	M12B03-10-001-1X	M12B03-10-001-2X
04Pin	A-code	M12A04-10-001-1X	M12A04-10-001-2X	04Pin	B-code	M12B04-10-001-1X	M12B04-10-001-2X
05Pin	A-code	M12A05-10-001-1X	M12A05-10-001-2X	05Pin	B-code	M12B05-10-001-1X	M12B05-10-001-2X
06Pin	A-code	M12A06-10-001-1X	M12A06-10-001-2X	02Pin	D-code	M12D02-10-001-1X	M12D02-10-001-2X
07Pin	A-code	M12A07-10-001-1X	M12A07-10-001-2X	03Pin	D-code	M12D03-10-001-1X	M12D03-10-001-2X
08Pin	A-code	M12A08-10-001-1X	M12A08-10-001-2X	04Pin	D-code	M12D04-10-001-1X	M12D04-10-001-2X

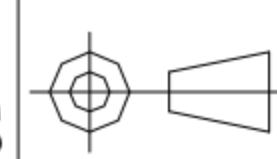
Specifications/技术参数

Pin numbers/芯数	02 Pin	03 Pin	04 Pin	05 Pin	06 Pin	07 Pin	08 Pin
Rated voltage/额定电压	125V			30V			
Rated current/额定电流	4A			2A			
Standards/regulations/标准	IEC 61076-2-101						
Termination接线方式	Solder and over-mold/焊接和成型						
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(平方数)	0.14mm <sup>2</sup> ~0.75mm <sup>2</sup>						
Wire gauge (AWG)/线号(平方数)	26AWG-18AWG						
Mechanical operation/插拔次数	100 mating cycles Min						
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						
Nut and shell material/螺母和铜壳材料	Brass with nickel plated						
Over-mold material/成型材料	PVC						

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	MATL	TITLE	CONNECTOR
Jack Lu	12/13/19			
CHECKED BY:	DATE	FINISH	MODLE	M12XXX-10-001-XX
Jacky Chen	12/13/19			
APPROVED BY:	DATE	SCALE	DWG NO.	
Tony Kao	12/13/19	1:1		
		SHEET NO.	PART NO.	
		1 of 1		

ITEM NO.	DESCRIPTION	DRAWN	DATE