

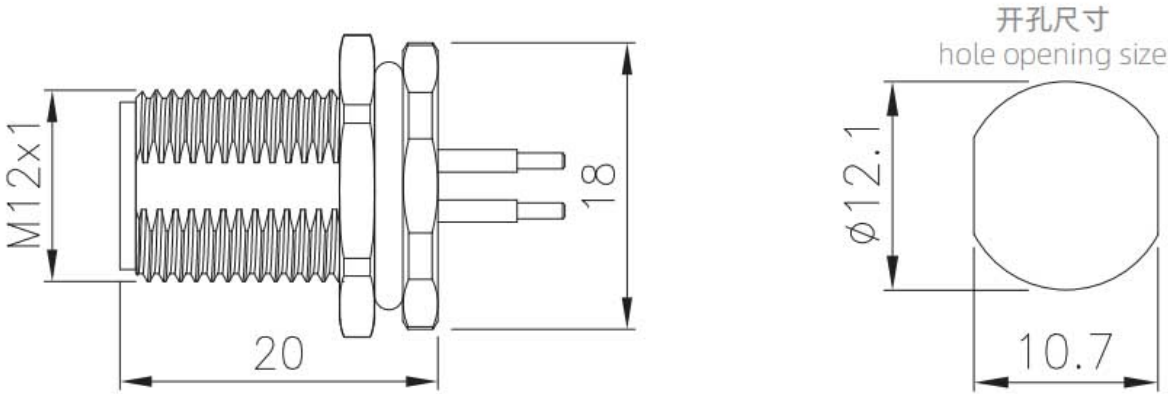


- European standard connector M12 series
- Structure type: Back mount socket
- Pin type: Male type
- Product shell : Zinc alloy shell
- Contacts number: 2,3,4,5,6,8,12,17 Pins
- Connection method: PCB
- Shield: No
- Certification: CE,RoHS,UL ,
- Standard: IEC 61076-2-101

TECHNICAL PARAMETER

Shell material	Brass/Zinc alloy nickel plated
Insulator material	PA+GF / TPU
Sealing material	Fluoro rubber,Green
Contact material	Brass , gold-plated
Molding material	TPU / PVC
Insulation impedance	$\geq 100 \text{ M}\Omega$
Contact impedance	$\leq 5 \text{ m}\Omega$
Durability	≥ 500 Cycles
Applicable temperature	-40°C ~ +80°C
Waterproof	IP67
Executive standard	IEC 61076-2-101

DIMENSION



PCB PINS ARRANGEMENT

芯数 Pins	2A	3A	4A	4D	5A
针型 插板式芯位分布图 Male PCB Pins Arrangement					
	5B	6A	8A	12A	17A
芯数 Pins	2A	3A	4A	4D	5A
孔型 插板式芯位分布图 Female PCB Pins Arrangement					
	5B	6A	8A	12A	17A

ELECTRICAL PARAMETERS

芯数 Pins	针型 Male				额定电流 Rated current	额定电压 Rated voltage		导体规格 Conductor size		孔型 Female			
	A	B	C	D		A/C	D/C	AWG	mm ²	A	B	C	D
2					4A	250V	250V	22	0.34				
3					4A	250V	250V	22	0.34				
4					4A	250V	250V	22	0.34				
5					4A:A型(A-Code) B型(B-Code) 2A:C型(C-Code)	60V	60V	22	0.34				
6					2A	30V	30V	24	0.25				
8					2A	30V	30V	24	0.25				
12					1.5A	30V	30V	26	0.14				
17					1.5A	30V	30V	26	0.14				

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Product Name	Pins	Outlet Size-M12x1	3D Download	2D Download
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	2A	M12-P2A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	3A	M12-P3A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	3C	M12-P3C-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	4A	M12-P4A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	4C	M12-P4C-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	4D	M12-P4D-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	5A	M12-P5A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	5B	M12-P5B-GPFM12-ZA		

M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	5C	M12-P5C-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	5D	M12-P5D-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	6A	M12-P6A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	6C	M12-P6C-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	8A	M12-P8A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	12A	M12-P12A-GPFM12-ZA		
M12 Male Back Mount Socket (PCB, Screw M12*1, Zinc alloy)	17A	M12-P17A-GPFM12-ZA		

Data Download

Product Catalog	CAZN-M-SERIE-CONNECTOR 、 CAZN-NMEA-Dedicated-Connector
EMC	EMC Certificate
RoHS	RoHS Certificate