

M12 Male Back Mount Socket Solder Screw M15*1 Plastic style



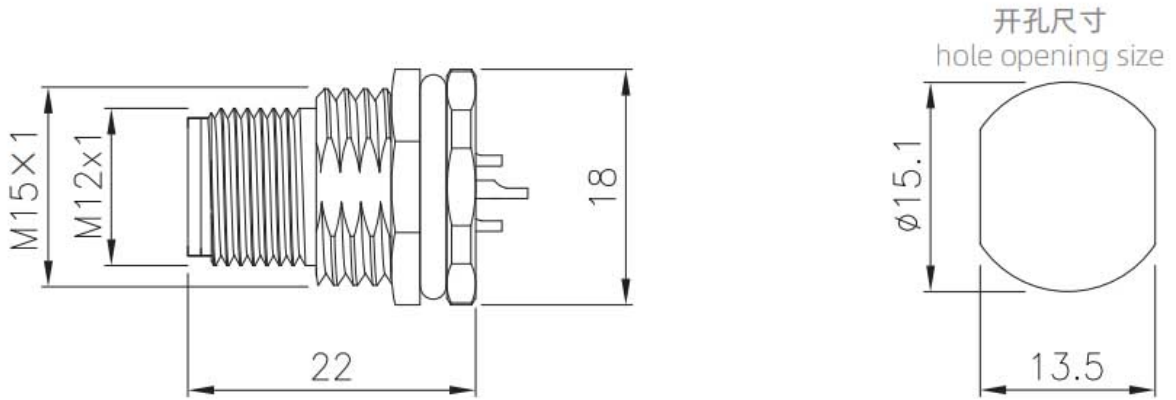
- European standard connector M12 series
- Structure type: back mount socket
- Pin type: male type
- Contacts number: 2,3,4,5,6,8,12,17pins
- Connection method: solder
- Shield: No
- Certification: CE,RoHS,UL ,
- Standard: IEC 61076-2-101

Technical Parameter

Shell material	brass nickel plating/zinc alloy nickel/PA+GF
Insulator material	PA+GF/TPU
Sealing material	epoxy resin/rubber
Contact material	brass /phosphorus copper 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	-25 °C~+80 °C
Waterproof	IP65/IP67
Executive standard	IEC 61076-2-101

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Dimension



PCB Pin Bitmap

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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
孔型 插板式芯位分布图 Female PCB Pins Arrangement					
	5B	6A	8A	12A	17A

Wiring Definition

Electrical parameter



Ordering products

Product name	Cut-Out Size-M15	3D Download	2D Download
M12 male back mount socket 2A solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 3A solder screw M15*1	M12-S3A-GWFM15-xPV		
M12 male back mount socket 3C solder screw M15*1	M12-S3C-GWFM15-xPV		
M12 male back mount socket 4A solder screw M15*1	M12-S4A-GWFM15-xPV		

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M12 male back mount socket 4D solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 4C solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 5A solder screw M15*1	M12-S5A-GWFM15-xPV		
M12 male back mount socket 5B solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 5C solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 6A solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 6C solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 8A solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 12A solder screw M15*1	M12-S2A-GWFM15-xPV		
M12 male back mount socket 17A solder screw M15*1	M12-S17A-GWFM15-xPV		

Data Download

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