

M12 Male Back Mount Socket PCB Grounded type (Big Screw)



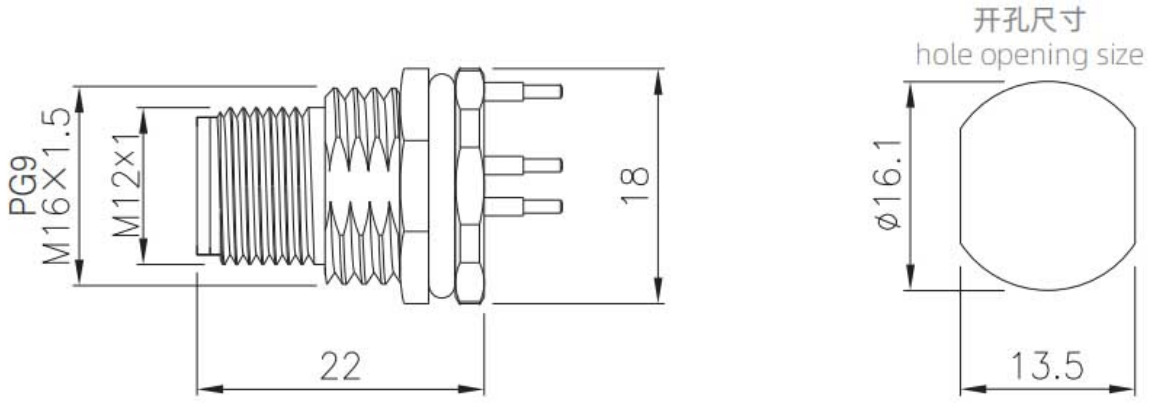
- European standard connector M12 series
- Structure type: back mount socket
- Pin type: male type
- Contacts number: 2,3,4,5,6,8,12,17pins
- Connection method: PCB
- Shield: Yes
- Certification: CE,RoHS,UL ,
- Standard: IEC 61076-2-101

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
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	5B	6A	8A	12A	17A

Electrical parameter

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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				

Ordering products

Product name	Pins	Part No.(Screw M16*1.5)	Part No.(Screw PG9)	3D Download	2D Download
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	2A	M12-P2A-GPFM16-JD	M12-P2A-GFPF9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	3A	M12-P3A-GPFM16-JD	M12-P3A-GFPF9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	4A	M12-P4A-GPFM16-JD	M12-P4A-GFPF9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	5A	M12-P5A-GPFM16-JD	M12-P5A-GFPF9-JD	M16/PG9	M16/PG9

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M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	6A	M12-P6A-GPFM16-JD	M12-P6A-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	8A	M12-P8A-GPFM16-JD	M12-P8A-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	12A	M12-P12A-GPFM16-JD	M12-P12A-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	17A	M12-P17A-GPFM16-JD	M12-P17A-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	5B	M12-P5B-GPFM16-JD	M12-P5B-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	3C	M12-P3C-GPFM16-JD	M12-P3C-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	4C	M12-P4C-GPFM16-JD	M12-P4C-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	5C	M12-P5C-GPFM16-JD	M12-P5C-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	6C	M12-P6C-GPFM16-JD	M12-P6C-GPFP9-JD	M16/PG9	M16/PG9
M12 Male Back Mount Socket (PCB, Grounded type, Big screw)	4D	M12-P4D-GPFM16-JD	M12-P4D-GPFP9-JD	M16/PG9	M16/PG9

Data Download

产品目录	CAZN正成-欧标连接器选型画册、NMEA专用连接器
EMC	正成连接器欧标系列-EMC证书 CE ROHS REACH IP
RoHS	正成-M12 连接器 ROHS证书