

## [M12 Female Back mount Socket Data type Solder Screw](#)

### [M16\\*1.5](#)



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

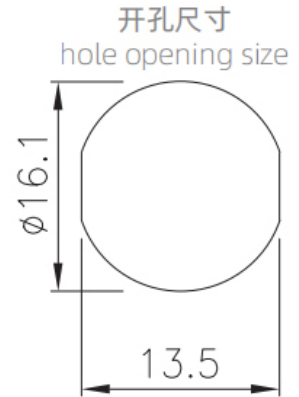
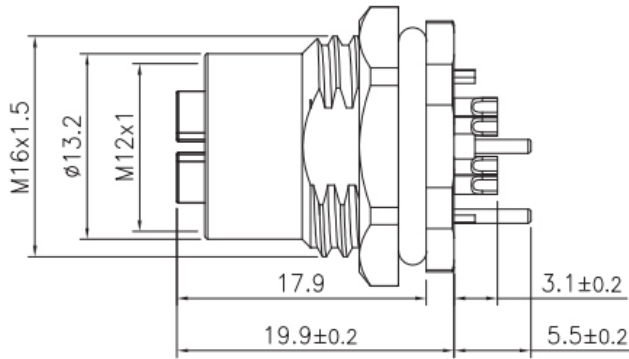
### Technical Parameter

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	Insulation impedance
Contact impedance	$\leq 5 \text{ m } \Omega$
Durability	$\geq 500$ cycles
Applicable temperature	-25 °C~+80 °C
Waterproof	IP65/IP67
Executive standard	IEC 61076-2-101

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## M16\*1.5

### Dimension



### Wiring Definition

芯位 Pins	线芯颜色 Wire core color		
	8X(8 Pins X-Code)		
1	WHOG		D1+
2	OG		D1-
3	WHGN		D2+
4	GN		D2-
5	WHBN		D4+
6	BN		D4-
7	WHBU		D3-
8	BU		D3+

芯位 Pins	线芯颜色 Wire core color		
	6Y(6 Pins Y-Code)		
1	WHOG		D1+
2	OG		D1-
3	WHGN		D2+
4	GN		D2-
5	BU		D4+
6	WH		D4-

芯位 Pins	线芯颜色 Wire core color		
	8Y(8 Pins Y-Code)		
1	WHOG		D1+
2	OG		D1-
3	WHGN		D2+
4	GN		D2-
5	BU		D4+
6	WH		D4-
7	BN		D3-
8	BK		D3+

\*接线定义按常规标准，如按协议或者其他请联系我司业务。

Wiring definition according to conventional standards, if according to the agreement or other please contact our sales.

### Electrical parameter

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接口类型 Interface Code type	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/C	D/C	AWG	mm <sup>2</sup>	
X型 X-Code	8X		0.5A	50V	60V	26~24	0.14~0.25	
Y型 Y-Code	6Y		0.5A/12A	30V	30V	2×26AWG+ 4×20AWG	0.14~0.5	
	8Y		0.5A/6A	30V	30V	4×26AWG+ 4×20AWG	0.14~0.5	

## Ordering products

Product name	Outlet size-M16	3D Download	2D Download
M12 female back mount socket data type 8X solder screw M16*1.5	M12-S8X-GWBM16		
M12 female back mount socket data type 6Y solder screw M16*1.5	M12-S6Y-GWBM16		
M12 female back mount socket data type 8Y solder screw M16*1.5	M12-S8Y-GWBM16		

## Data Download

Product Catalog	<a href="#">CAZN-M-SERIE-CONNECTOR</a> 、 <a href="#">CAZN-NMEA-Dedicated-Connector</a>
EMC	<a href="#">EMC Certificate</a>
RoHS	<a href="#">RoHS Certificate</a>