

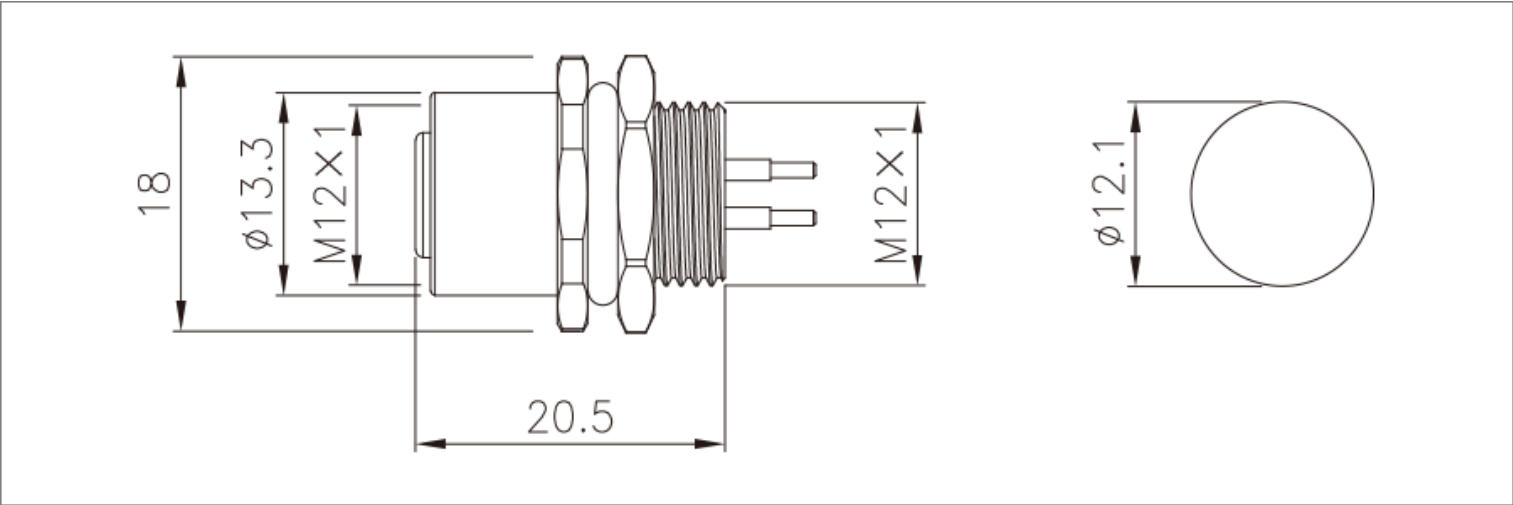


- European standard connector M12 series
- Structure type: Front mount socket
- Pin type: Female type
- Contacts number: 2,3,4,5,6,8,12,17 pins
- Connection method: PCB
- Shield: No
- Certification: CE RoHS
- Standard: IEC 61076-2-101

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	≥ 100 M Ω
Contact impedance	≤ 5 m Ω
Durability	≥ 500 cycles
Applicable temperature	-25 °C~+80 °C
Waterproof	IP65/IP67
Executive standard	IEC 61076-2-101

DIMENSION



PCB PIN BITMAP

芯数	2A	3A	4A	4D	5A
针型 PCB芯位分布图					
	5B	6A	8A	12A	17A
孔型 PCB芯位分布图					
	5B	6A	8A	12A	17A

WIRING DEFINITION

芯位	线芯颜色	
	2芯	
1	BN	
2	-	
3	BU	

芯位	线芯颜色	
	3芯	
1	BN	
2	-	
3	BU	
4	BK	

芯位	线芯颜色	
	6芯	
1	BN	
2	WH	
3	BU	
4	BK	
5	-	
6	GY	
7	RD	

芯位	线芯颜色	
	8芯	
1	WH	
2	BN	
3	GN	
4	YE	
5	GY	
6	PK	
7	BU	
8	RD	

芯位	线芯颜色					
	4芯A编码		4芯B编码		4芯D编码	
1	BN		BN		YE	
2	WH		WH		WH	
3	BU		BU		OG	
4	BK		BK		BU	

芯位	线芯颜色					
	5芯A编码		5芯B编码			
1	BN		BN			
2	WH		WH			
3	BU		BU			
4	BK		BK			
5	GY		GY			

芯位	线芯颜色	
	12芯	
1	BN	
2	BU	
3	WH	
4	GN	
5	PK	
6	YE	
7	BK	
8	GY	
9	RD	
10	VT	
11	OG	
12	LTGN	

芯位	线芯颜色	
	17芯	
1	BN	
2	BU	
3	WH	
4	GN	
5	PK	
6	YE	
7	BK	
8	GY	
9	RD	
10	VT	
11	OG	
12	LTGN	
13	LTBU	
14	BKWH	
15	BNWH	
16	RDWH	
17	BUWH	

*接线定义按常规标准，如按协议或者其他请联系我司业务。

ELECTRICAL PARAMETER

芯数	针型				额定电流	额定电压		导体规格		孔型			
	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 B型 2A:C型	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	Screw	Pins	Model Name	3D Download	2D Download
M12 Female Front Mount Socket-PCB	M12x1	2A	M12-S2A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	3A	M12-S3A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	3C	M12-S3C-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	4A	M12-S4A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	4D	M12-S4D-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	4C	M12-S4C-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	5A	M12-S5A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	5B	M12-S5B-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	5C	M12-S5C-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	6A	M12-S6A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	6C	M12-S6C-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	8A	M12-S8A-GPB M12		

M12 Female Front Mount Socket-PCB	M12x1	12A	M12-S12A-GPB M12		
M12 Female Front Mount Socket-PCB	M12x1	17A	M12-S17A-GPB M12		

Data Download

Product Catalog	CAZN-M Series products brochure
EMC Certification	View
RoHS Report	View
European Standard Series-EMC Certificate	View