

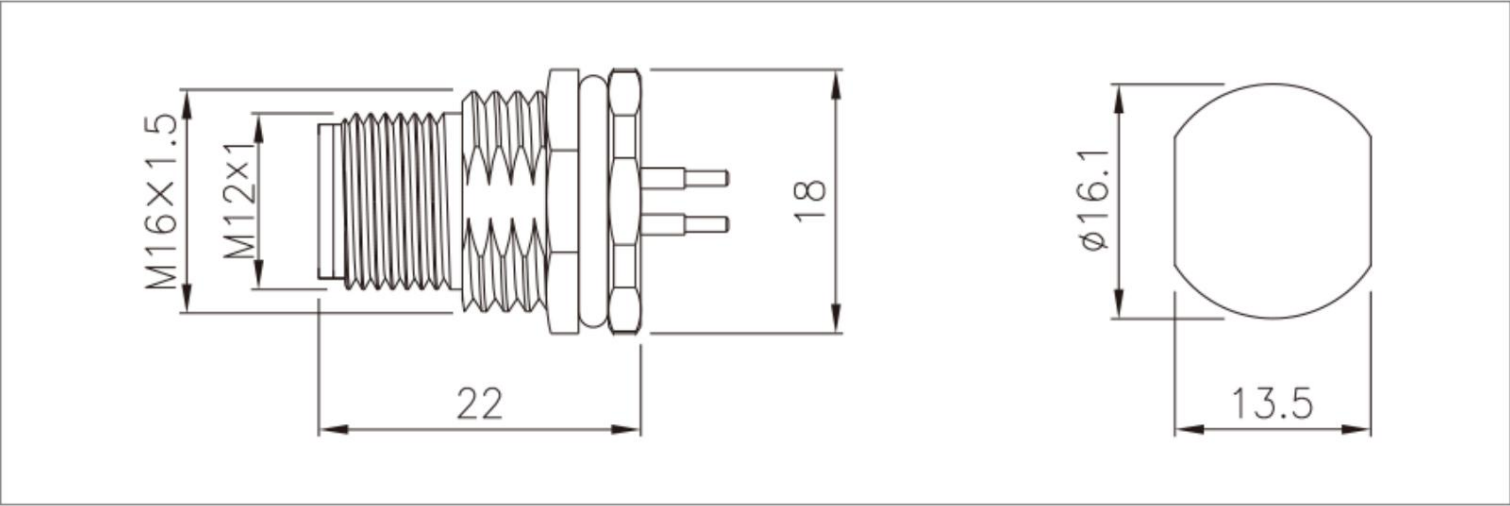


- European standard connector M12 series,
- Structure type: rear panel mounted socket,
- Pin type: pin type,
- Number of cores: 2, 3, 4, 5, 6, 8, 12, 17 pin,
- Connection method: PCB board type,
- Grounding: No,
- Certification: CE RoHS,
- Standard: IEC 61076-2-101,

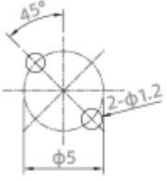
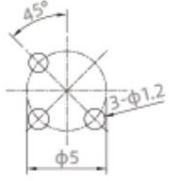
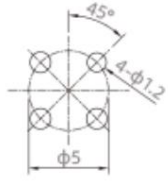
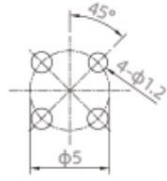
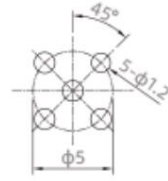
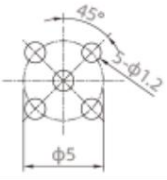
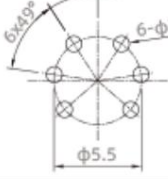
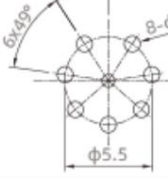
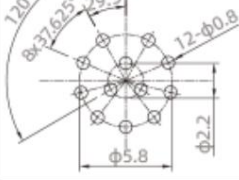
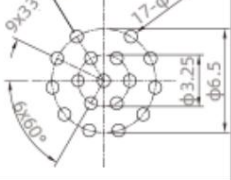
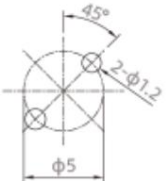
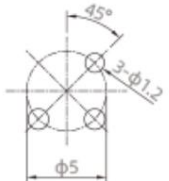
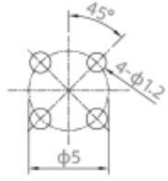
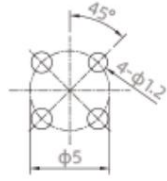
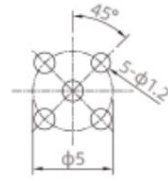
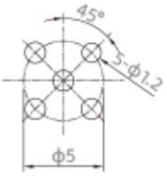
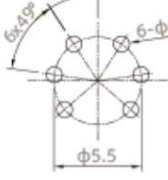
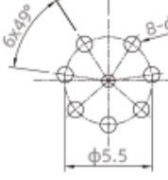
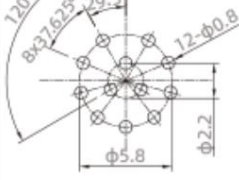
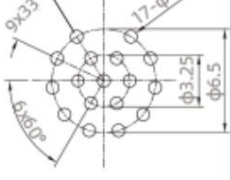
Mechanical parameters

Shell Material:	Brass nickel plating/Zinc alloy nickel plating/PA+GF
Core material:	PA+GF/TPU
Seal Material:	Epoxy resin/rubber
Pin Material:	Phosphor bronze gold plated/brass
Molding Materials:	TPU/PVC
Insulation resistance:	≥100 MΩ
Contact impedance:	≤5 mΩ
Plugging and unplugging times:	≥500 times
Applicable temperature:	-25℃ ~ +80℃
Protection level:	IP65/IP67
Implementation standards:	IEC 61076-2-101

Dimensions



PCB core map

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



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				

Downloads

Product Catalog	CAZN Zhengcheng-European Standard Product Selection Manual
Certification/certificate	EMC Certification
RoHS Report	Check
Waterproof test report	Check