

M17 Connectors



M17 Series Circular Connectors

1.Assembly connector

1701-1702

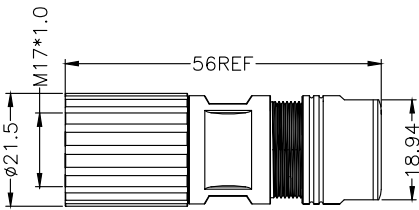
M17 Circular connectors

Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

3+PE



5+PE



6+PE



7+PE



5+3+PE



Order Data/订货信息

Contacts/芯数	Order No/订货号	P/N/料号
3+PE	170004-01-001	—
5+PE	170006-01-001	—
6+PE	170007-01-001	—
7+PE	170008-01-001	—
5+3+PE	170009-01-001	—

Specifications/技术参数

Number of contacts/芯数	3+PE	5+PE	6+PE	7+PE	5+3+PE
Termination/接线方式	crimp/压接				
Wire gauge/线规	0.75~2.5mm ² (18~14AWG)				
Cable OD/线材直径	8~10mm				
Operating temperature/工作温度	-40°C~+125°C				
Mechanical operation/插拔次数	> 100 mating cycles				
Rated voltage/额定电压	630V				60V/630V
Rated current (40°C)/额定电流	25A	14A			3.3A/14A
Protection degree/防护等级	IP67				
Contact resistance/接触电阻	≤5mΩ				
Insulation resistance/绝缘电阻	> 100MΩ				
Pin contant/插针材料	CuZn				
Socket contact/插孔材料	CuSn				
Contact plating/针孔镀层材料	Au				

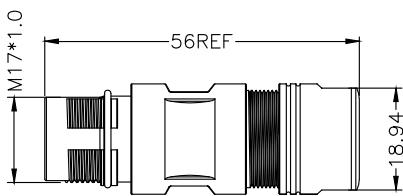
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5+PE	170006-02-001	—
6+PE	170007-02-001	—
7+PE	170008-02-001	—
5+3+PE	170009-02-001	—

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备注