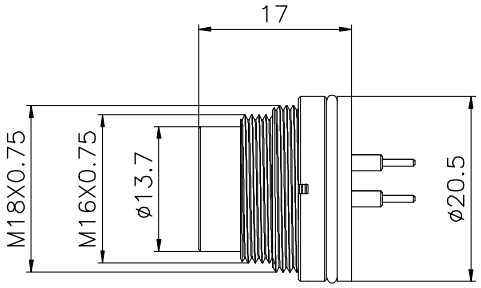
M16 male back mount PCB plug connector



Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU®
Terminal material	Phosphor copper
Temperature	−20℃～+80℃

Insulation resistance	≥100mΩ
Contact resistance	≤5mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

M16

Electric parameter

pin number	code type A	rated current	rated voltage A/C	rated voltage D/C	cable size AWG	cable size mm²	cable material	dealing at the end cable
2		7A	250V	250V	20	0.75	PVC/PUR	- no dealing - customized - strip and tinn - to other connector
3		7A	250V	250V	20	0.75	PVC/PUR	
4		6A	250V	250V	20	0.75	PVC/PUR	
5		6A	250V	250V	20	0.75	PVC/PUR	
6		5A	250V	250V	20	0.75	PVC/PUR	
7		5A	125V	125V	20	0.75	PVC/PUR	
8		5A	125V	125V	20	0.75	PVC/PUR	
12		3A	60V	60V	24	0.25	PVC/PUR	
14		3A	60V	60V	24	0.25	PVC/PUR	
19		3A	60V	60V	24	0.25	PVC/PUR	
24		1A	60V	60V	26	0.14	PVC/PUR	

Order method

Ⓐ Regular type

M16-[ ]-F1-[ ]-P

pin number

code type (except A type)

Ⓑ Customomized

M16-[ ]-F1-[ ]-P-[ ]-[ ]

pin number

code type (except A type)

customized item number

others