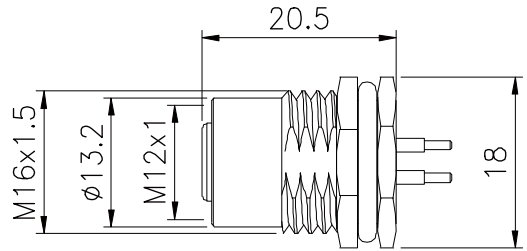


M12 female back mount PCB socket connector



M 12

Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

Electric parameter

pin number	code type				rated current	rated voltage		cable size		cable material	dealing at the end cable
	A	B	C	D		A/C	D/C	AWG	mm ²		
2					4A	250V	250V	22	0.34	PVC/PUR	
3					4A	250V	250V	22	0.34	PVC/PUR	
4					4A	250V	250V	22	0.34	PVC/PUR	
5					4A	60V	60V	22	0.34	PVC/PUR	- no dealing - customized
6					2A	30V	30V	24	0.25	PVC/PUR	- strip and tinn - to other connector
8					2A	30V	30V	24	0.25	PVC/PUR	
12					1.5A	30V	30V	26	0.14	PVC/PUR	
17					1.5A	30V	30V	26	0.14	PVC/PUR	

Order method

Ⓐ Regular type

M12 - - F1 - - S

|
code type
(except A type)

|
pin number

Ⓑ Customomized

M12 - - F1 - - S - -

|
pin number

|
customized item number

|
code type
(except A type)

|
others