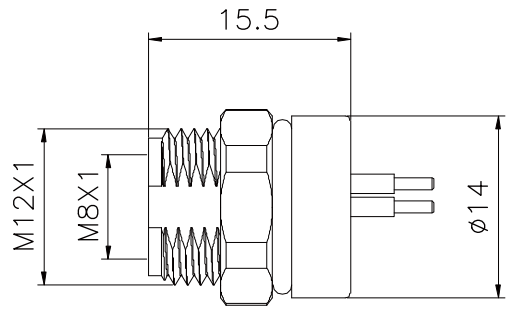


# M8 female back mount PCB socket connector

M 8



## Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU <sup>®</sup>
Terminal material	Phosphor copper
Temperature	-20°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤5mΩ
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 <sup>®</sup>	dealing at the end cable
	A	B		A/C	D/C	AWG	mm <sup>2</sup>		
3			3A	60V	60V	24	0.25		
4			3A	30V	30V	24	0.25		
5			3A	30V	30V	24	0.25		
6			1A	30V	30V	26	0.14		
8			1A	30V	30V	26	0.14		

## Order method

<p>Ⓐ Regular type</p> <p>M8-<input type="text"/>F1<input type="text"/>-S</p> <p style="margin-left: 40px;">code type (except A type)</p> <p style="margin-left: 20px;">pin number</p>	<p>Ⓑ Customized</p> <p>M8-<input type="text"/>F1<input type="text"/>-S-<input type="text"/>-<input type="text"/></p> <p style="margin-left: 40px;">pin number</p> <p style="margin-left: 40px;">customized item number</p> <p style="margin-left: 40px;">others</p> <p style="margin-left: 20px;">code type (except A type)</p>
---	---