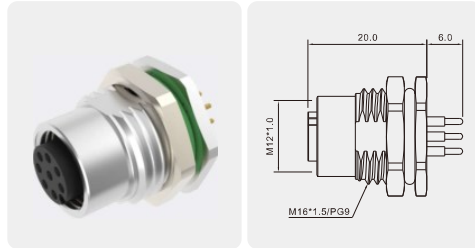
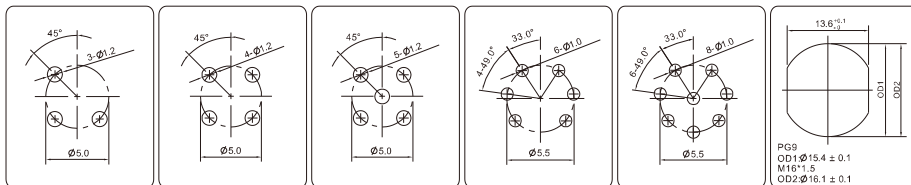


M12 x 1 Female Panel Mount Receptacle,
Rear Mounting, Unshielded, PCB Soldering.


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thickness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	-40 ~ +105°C	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	SP-M12A-03P-FF-SF8001-00AH	SP-M12A-04P-FF-SF8001-00AH	SP-M12A-05P-FF-SF8001-00AH	SP-M12A-06P-FF-SF8001-00AH	SP-M12A-08P-FF-SF8001-00AH	SP-M12A-08P-FF-SF8001-00AH
Customized	.....	.....	.....	.....	.....	.....
M16*1.5	SP-M12A-03P-FF-SF8002-00AH	SP-M12A-04P-FF-SF8002-00AH	SP-M12A-05P-FF-SF8002-00AH	SP-M12A-06P-FF-SF8002-00AH	SP-M12A-08P-FF-SF8002-00AH	SP-M12A-08P-FF-SF8002-00AH
Customized	.....	.....	.....	.....	.....	.....

Dimension Figure


PCB Layout

PCB Layout

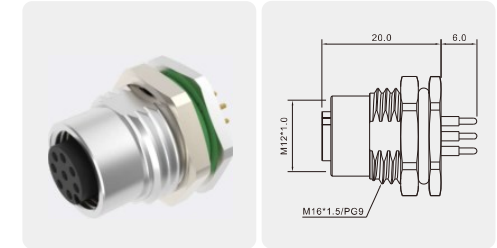
PCB Layout

PCB Layout

PCB Layout

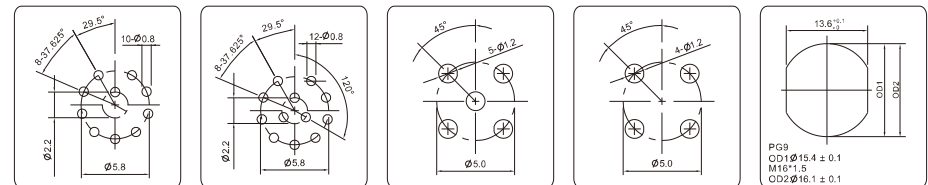
Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting, Unshielded, PCB Soldering.


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thickness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	-40 ~ +105°C	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	SP-M12A-10P-FF-SF8001-00AH	SP-M12A-12P-FF-SF8001-00AH	SP-M12A-17P-FF-SF8001-00AH	SP-M12B-05P-FF-SF8001-00AH	SP-M12D-04P-FF-SF8001-00AH	SP-M12D-04P-FF-SF8001-00AH
Customized	.....	.....	.....	.....	.....	.....
M16*1.5	SP-M12A-10P-FF-SF8002-00AH	SP-M12A-12P-FF-SF8002-00AH	SP-M12A-17P-FF-SF8002-00AH	SP-M12B-05P-FF-SF8002-00AH	SP-M12D-04P-FF-SF8002-00AH	SP-M12D-04P-FF-SF8002-00AH
Customized	.....	.....	.....	.....	.....	.....

Dimension Figure


PCB Layout

PCB Layout

PCB Layout

PCB Layout

Panel Cut-Out