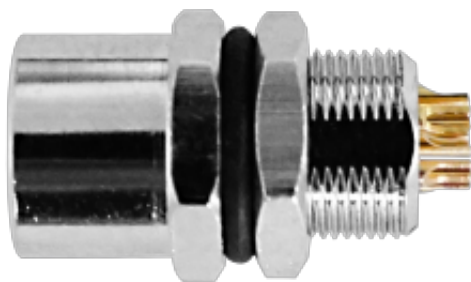


M8 Female Panel Mount, Solder Type, Rear Fastened

M8 Circular Connector

Download date : 2025-12-07



Connector Series : M8

Gender : Female

Coding : A, B

Locking Type : Fix Screw

Mounting Type: Rear Fastened

Part No : M08-X**-ST0-F02-BH2

X:A, B Coding

** : 03, 04, 05, 06, 08 (Pin)

BH2:2=M8X0.5(OD2)



For reference only!version1.0

Technical Data

Standard	IEC61076-2-104
Ambient Temperatur	-25°C~+85°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶

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Shielding	Unshielded 非屏蔽
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Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	6/8Pins
Rated Current	3A	3A	1.5A
Voltage AC/DC	50V/60V	30V/30V	30V/30V
Wire Range AWG/mm²	24/0.25	24/0.25	26/0.14

Dimensions

PCB opening diagram

Mechanical drawing of the M8 female panel mount connector. The front view shows a hexagonal panel with four pins labeled 1, 2, 3, and 4. The side view shows the connector body with dimensions: 10 (hexagon width), 16.5 (body length), 8 (pin spacing), M8X1.0 (thread), and M8X0.5 (panel thickness).

PCB opening diagram showing a circular cut-out. The dimensions are: 7.1^{+0.1}₋₀ (inner diameter), 8.1^{+0.1}₋₀ (outer diameter), and 4.0 (thickness).

Panel cut-out 安装尺寸
M8X0.5
OD2: 8.1^{+0.1}₋₀

Specification Selection Table

M8 Female Panel Mount, Solder Type, Rear Fastened

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Contacts Pin数	Available Coding 防插错编码	Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO.产品编号
			AC	DC	AWG	mm ²	
03Pins	 A-Coding	3A	50V	60V	24	0.25	M08-A03-ST0-F02-BH2
04Pins	 A-Coding	3A	50V	60V	24	0.25	M08-A04-ST0-F02-BH2
05Pins	 B-Coding	3A	30V	30V	24	0.25	M08-B05-ST0-F02-BH2
06Pins	 A-Coding	1.5A	30V	30V	26	0.14	M08-A06-ST0-F02-BH2
08Pins	 A-Coding	1.5A	30V	30V	26	0.14	M08-A08-ST0-F02-BH2