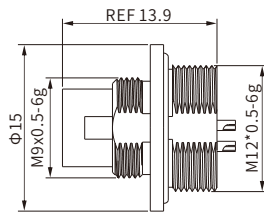
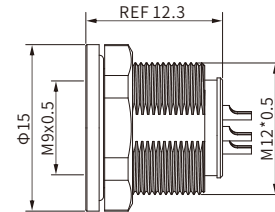


M9 Straight Connector, Panel Mount, Solder Type, Rear fastened

Male



Female



RoHS

RoHS

■ Specifications

Contacts	2	3	4	5	7	8
Pin layout(Male)						
Pin layout(Female)						
Ambient temperature	-15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation)					
Customized temperature	-25°C ~ +85°C (flexible installation) ,-40°C ~ +85°C (fixed installation)					
Connector insert	PBT					
Connector contacts	Brass with gold plated					
Coupling nut/screw	Brass with nickel plated					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Earth tag/pin	Unavailable					
IP rating	IP67 in locked condition					
Mating endurance	>500 cycles					
Rated current	4 A		3 A		1A	
Rated voltage	125V AC/DC					
Wire gauge	0.25mm ² (AWG24)				0.14mm ² (AWG26)	
Panel cut-out	Refer to page 112					

■ Part Number

Pins	wire length	Male	Female
2	0.1m	MB09MSARF02ST-2501	MB09FSARF02ST-2501
	0.3m	MB09MSARF02ST-2503	MB09FSARF02ST-2503
3	0.1m	MB09MSARF03ST-2501	MB09FSARF03ST-2501
	0.3m	MB09MSARF03ST-2503	MB09FSARF03ST-2503
4	0.1m	MB09MSARF04ST-2501	MB09FSARF04ST-2501
	0.3m	MB09MSARF04ST-2503	MB09FSARF04ST-2503
5	0.1m	MB09MSARF05ST-2501	MB09FSARF05ST-2501
	0.3m	MB09MSARF05ST-2503	MB09FSARF05ST-2503
7	0.1m	MB09MSARF07ST-1401	MB09FSARF07ST-1401
	0.3m	MB09MSARF07ST-1403	MB09FSARF07ST-1403
8	0.1m	MB09MSARF08ST-1401	MB09FSARF08ST-1401
	0.3m	MB09MSARF08ST-1403	MB09FSARF08ST-1403

■ Default wire colors

Pin No.						
Pin 1	BN	BN	BN	BN	BN	WH
Pin 2	BU	BU	WH	WH	WH	BN
Pin 3		BK	BU	BU	BU	GN
Pin 4			BK	BK	BK	YE
Pin 5				GY	GY	GY
Pin 6					PK	PK
Pin 7					RD	BU
Pin 8						RD