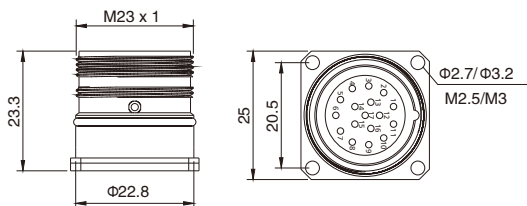


## M23 Signal Panel Mount, Solder, Rear mount, Female Housing + Male Thread

- Connector series: M23 Signal
- Contacts: Socket
- Mounting type: Rear mount
- Shielding: Unavailable
- Connection Type: Solder
- Part No.: M23-SSSSTRFx\*\*\*-XXX  
Fx refer to Flange joint  
\*\*\* refers to pins number  
XXX for wire type and length



### ■ General information



Connector insert:	PA
Connector contacts:	Brass with gold plated
Coupling screw:	Brass with nickel plated
Seal / O-ring:	FKM or NBR
Operation cycles:	>800

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Ambient temperature:	-40°C ~ +125°C
IP rating:	IP68 in locked condition
Assembly Instruction:	Refer to page 413
Panel cut-out:	Refer to page 420

### ■ Electrical data & Mechanical data

Number of positions	6,7	9(8+1)/(6+3)		12	16	17	19(16+3)	
Contacts	6,7	8 / 6	1 / 3	12	16	17	16	3
Contact OD(mm)	2.0(14AWG)	1.0(18AWG)	2.0(14AWG)	1.0(18AWG)	1.0(18AWG)	1.0(18AWG)	1.0(18AWG)	1.5(16AWG)
Rated current @ 20°C(A)	20	8	20	8	8	8	8	10
Rated Voltage(V)	300	300	300	300	160	160	160	160
Impulse voltage(V)	2500	2500	2500	1500	1500	1500	1500	1500
Overvoltage category	II							
Pollution Degree	III							

Contacts	Contact OD (mm)	Socket	Part No.	Contacts	Contact OD (mm)	Socket	Part No.
6A	2		M23-SSSSTRFx06A-XXX	12A (Standard)	1		M23-SSSSTRFx12A-XXX
7A	2		M23-SSSSTRFx07A-XXX	12B (opposite)	1		M23-SSSSTRFx12B-XXX
9A (8+1)	8		M23-SSSSTRFx09A-XXX	17A (Standard)	1		M23-SSSSTRFx17A-XXX
	1						
9B (8+1)	8		M23-SSSSTRFx09B-XXX	17B (opposite)	1		M23-SSSSTRFx17B-XXX
	1						
9C (6+3)	6		M23-SSSSTRFx09C-XXX	19A (16+3)	16		M23-SSSSTRFx19A-XXX
	3				2		
16A	1		M23-SSSSTRFx16A-XXX				

Note: Fx refer to Flange joint, X for wire type and length

### ■ Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 367 for products' part number encoding rule.