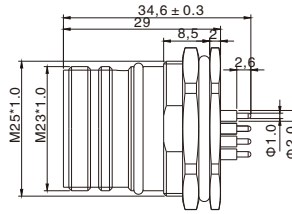
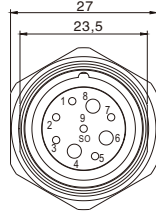


## M23 Signal Panel Mount, PCB, Front mount, Female Housing+Male Thread

- Connector series: M23 Signal
- Contacts: Socket
- Mounting type: Front mount
- Shielding: Unshielded
- Connection Type: PCB
- Part No.: M23-SSPSSTFS2\*\*\*

\*\*\* refers to pins number



### 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
Panel cut-out:	Refer to page 420
PCB layout:	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-SSPSSTFS206A	12A (Standard)	1		M23-SSPSSTFS212A
7A	2		M23-SSPSSTFS207A	12B (opposite)	1		M23-SSPSSTFS212B
9A (8+1)	8		M23-SSPSSTFS209A	17A (Standard)	1		M23-SSPSSTFS217A
	1						
9B (8+1)	8		M23-SSPSSTFS209B	17B (opposite)	1		M23-SSPSSTFS217B
	1						
9C (6+3)	6		M23-SSPSSTFS209C	19A (16+3)	16		M23-SSPSSTFS219A
	3				2		
16A	1		M23-SSPSSTFS216A				

### 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.