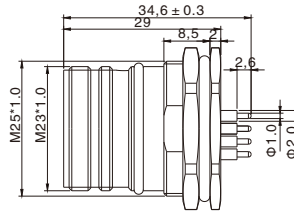
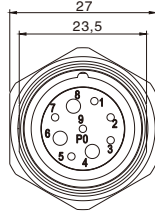


M23 Signal Panel Mount, PCB, Front mount, Male Housing+Male Thread

- Connector series: M23 Signal
- Contacts: Pin
- Mounting type: Front mount
- Shielding: Unshielded
- Connection Type: PCB
- Part No.: M23-SSPPSTFS2***

*** 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)	Pin	Part No.	Contacts	Contact OD (mm)	Pin	Part No.
6A	2		M23-SSPPSTFS206A	12A (Standard)	1		M23-SSPPSTFS212A
7A	2		M23-SSPPSTFS207A	12B (opposite)	1		M23-SSPPSTFS212B
9A (8+1)	8		M23-SSPPSTFS209A	17A (Standard)	1		M23-SSPPSTFS217A
	1						
9B (8+1)	8		M23-SSPPSTFS209B	17B (opposite)	1		M23-SSPPSTFS217B
	1						
9C (6+3)	6		M23-SSPPSTFS209C	19A (16+3)	16		M23-SSPPSTFS219A
	3				2		
16A	1		M23-SSPPSTFS216A				

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 367 for products' part number encoding rule.