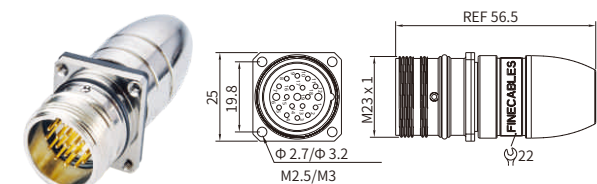


M23 Signal

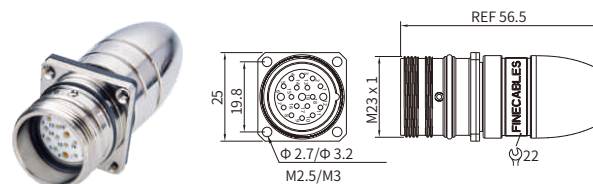


M23 Straight Connector, Panel Mount with Flange, Coupling Screw, Assembly type

Male



Female



Specifications

Contacts	6A	7A	9A	9B	9C	12A	12B	16A	17A	17B	19A
Certification	ECBT2(ECBT8).E473386										
Pin layout(Male)											
Pin layout(Female)											
Connector insert	PA										
Connector contacts	Brass with gold plated										
Coupling nut/screw	Brass with nickel plated										
Connector body	Brass with nickel plated										
Seal/O-ring	FKM or NBR										
Mating Endurance	>800										
Insulation resistance	≥100MΩ										
Contact resistance	≤5mΩ										
Ambient temperature	-40°C ~ +125°C										
Shielding	Available										
IP rating	IP67, IP68 in locked condition										
Cable OD range	2.0~11.4mm										
Assembly Instruction	Refer to page 475~477										
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	10
Rated Voltage(V)	300		300		300	300		160		160	160
Impulse voltage(V)	2500		2500		2500	1500		1500		1500	1500
Overvoltage category	II										
Pollution Degree	III										

Part Number (Solder)

Pins	Coupling screw		Coupling nut	
	UL 1007	UL 1015	UL 1007	UL 1015
6A	M23-SSSPSTFAx06A-XX I XXX	M23-SSSPSTFAx06A-XX II XXX	M23-SSSSSTFAx06A-XX I XXX	M23-SSSSSTFAx06A-XX II XXX
7A	M23-SSSPSTFAx07A-XX I XXX	M23-SSSPSTFAx07A-XX II XXX	M23-SSSSSTFAx07A-XX I XXX	M23-SSSSSTFAx07A-XX II XXX
9A	M23-SSSPSTFAx09A-XX I XXX	M23-SSSPSTFAx09A-XX II XXX	M23-SSSSSTFAx09A-XX I XXX	M23-SSSSSTFAx09A-XX II XXX
9B	M23-SSSPSTFAx09B-XX I XXX	M23-SSSPSTFAx09B-XX II XXX	M23-SSSSSTFAx09B-XX I XXX	M23-SSSSSTFAx09B-XX II XXX
9C	M23-SSSPSTFAx09C-XX I XXX	M23-SSSPSTFAx09C-XX II XXX	M23-SSSSSTFAx09C-XX I XXX	M23-SSSSSTFAx09C-XX II XXX
12A	M23-SSSPSTFAx12A-XX I XXX	M23-SSSPSTFAx12A-XX II XXX	M23-SSSSSTFAx12A-XX I XXX	M23-SSSSSTFAx12A-XX II XXX
12B	M23-SSSPSTFAx12B-XX I XXX	M23-SSSPSTFAx12B-XX II XXX	M23-SSSSSTFAx12B-XX I XXX	M23-SSSSSTFAx12B-XX II XXX
16A	M23-SSSPSTFAx16A-XX I XXX	M23-SSSPSTFAx16A-XX II XXX	M23-SSSSSTFAx16A-XX I XXX	M23-SSSSSTFAx16A-XX II XXX
17A	M23-SSSPSTFAx17A-XX I XXX	M23-SSSPSTFAx17A-XX II XXX	M23-SSSSSTFAx17A-XX I XXX	M23-SSSSSTFAx17A-XX II XXX
17B	M23-SSSPSTFAx17B-XX I XXX	M23-SSSPSTFAx17B-XX II XXX	M23-SSSSSTFAx17B-XX I XXX	M23-SSSSSTFAx17B-XX II XXX
19A	M23-SSSPSTFAx19A-XX I XXX	M23-SSSPSTFAx19A-XX II XXX	M23-SSSSSTFAx19A-XX I XXX	M23-SSSSSTFAx19A-XX II XXX

Note: **FX** refer to panel mount hole F1:Φ2.7; F2: M2.5;F3:Φ3.2; F4: M3.0, Note: **XX** for cable OD. 01: 5.0-6.0; 02: 6.0-7.0; 03: 7.0-8.0; 04: 8.0-9.0; 05: 9.0-10.0;

Note: **XXX** wire length 03=0.3m; 10=1m; 100=10m

Part Number (Crimp)

Pins	Coupling screw		Coupling nut	
	UL 1007	UL 1015	UL 1007	UL 1015
6A	M23-SSSCPSTFAx06A-XX I XXX	M23-SSSCPSTFAx06A-XX II XXX	M23-SSSCSSTFAx06A-XX I XXX	M23-SSSCSSTFAx06A-XX II XXX
7A	M23-SSSCPSTFAx07A-XX I XXX	M23-SSSCPSTFAx07A-XX II XXX	M23-SSSCSSTFAx07A-XX I XXX	M23-SSSCSSTFAx07A-XX II XXX
9A	M23-SSSCPSTFAx09A-XX I XXX	M23-SSSCPSTFAx09A-XX II XXX	M23-SSSCSSTFAx09A-XX I XXX	M23-SSSCSSTFAx09A-XX II XXX
9B	M23-SSSCPSTFAx09B-XX I XXX	M23-SSSCPSTFAx09B-XX II XXX	M23-SSSCSSTFAx09B-XX I XXX	M23-SSSCSSTFAx09B-XX II XXX
9C	M23-SSSCPSTFAx09C-XX I XXX	M23-SSSCPSTFAx09C-XX II XXX	M23-SSSCSSTFAx09C-XX I XXX	M23-SSSCSSTFAx09C-XX II XXX
12A	M23-SSSCPSTFAx12A-XX I XXX	M23-SSSCPSTFAx12A-XX II XXX	M23-SSSCSSTFAx12A-XX I XXX	M23-SSSCSSTFAx12A-XX II XXX
12B	M23-SSSCPSTFAx12B-XX I XXX	M23-SSSCPSTFAx12B-XX II XXX	M23-SSSCSSTFAx12B-XX I XXX	M23-SSSCSSTFAx12B-XX II XXX
16A	M23-SSSCPSTFAx16A-XX I XXX	M23-SSSCPSTFAx16A-XX II XXX	M23-SSSCSSTFAx16A-XX I XXX	M23-SSSCSSTFAx16A-XX II XXX
17A	M23-SSSCPSTFAx17A-XX I XXX	M23-SSSCPSTFAx17A-XX II XXX	M23-SSSCSSTFAx17A-XX I XXX	M23-SSSCSSTFAx17A-XX II XXX
17B	M23-SSSCPSTFAx17B-XX I XXX	M23-SSSCPSTFAx17B-XX II XXX	M23-SSSCSSTFAx17B-XX I XXX	M23-SSSCSSTFAx17B-XX II XXX
19A	M23-SSSCPSTFAx19A-XX I XXX	M23-SSSCPSTFAx19A-XX II XXX	M23-SSSCSSTFAx19A-XX I XXX	M23-SSSCSSTFAx19A-XX II XXX

Note: **FX** refer to panel mount hole F1:Φ2.7; F2: M2.5;F3:Φ3.2; F4: M3.0, Note: **XX** for cable OD. 01: 5.0-6.0; 02: 6.0-7.0; 03: 7.0-8.0; 04: 8.0-9.0; 05: 9.0-10.0;

Note: **XXX** wire length 03=0.3m; 10=1m; 100=10m