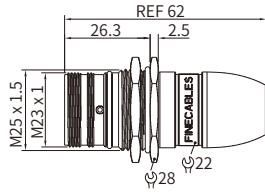


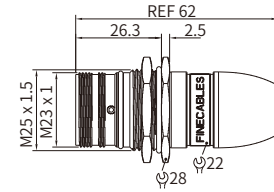
M23 Straight Connector, Panel Mount, Coupling Screw, Assembly type

Male



CE RoHS

Female



CE RoHS

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) 1.5(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-SSSPSTFASx06A-XX I XXX	M23-SSSPSTFASx06A-XX II XXX	M23-SSSSSTFASx06A-XX I XXX	M23-SSSSSTFASx06A-XX II XXX				
7A	M23-SSSPSTFASx07A-XX I XXX	M23-SSSPSTFASx07A-XX II XXX	M23-SSSSSTFASx07A-XX I XXX	M23-SSSSSTFASx07A-XX II XXX				
9A	M23-SSSPSTFASx09A-XX I XXX	M23-SSSPSTFASx09A-XX II XXX	M23-SSSSSTFASx09A-XX I XXX	M23-SSSSSTFASx09A-XX II XXX				
9B	M23-SSSPSTFASx09B-XX I XXX	M23-SSSPSTFASx09B-XX II XXX	M23-SSSSSTFASx09B-XX I XXX	M23-SSSSSTFASx09B-XX II XXX				
9C	M23-SSSPSTFASx09C-XX I XXX	M23-SSSPSTFASx09C-XX II XXX	M23-SSSSSTFASx09C-XX I XXX	M23-SSSSSTFASx09C-XX II XXX				
12A	M23-SSSPSTFASx12A-XX I XXX	M23-SSSPSTFASx12A-XX II XXX	M23-SSSSSTFASx12A-XX I XXX	M23-SSSSSTFASx12A-XX II XXX				
12B	M23-SSSPSTFASx12B-XX I XXX	M23-SSSPSTFASx12B-XX II XXX	M23-SSSSSTFASx12B-XX I XXX	M23-SSSSSTFASx12B-XX II XXX				
16A	M23-SSSPSTFASx16A-XX I XXX	M23-SSSPSTFASx16A-XX II XXX	M23-SSSSSTFASx16A-XX I XXX	M23-SSSSSTFASx16A-XX II XXX				
17A	M23-SSSPSTFASx17A-XX I XXX	M23-SSSPSTFASx17A-XX II XXX	M23-SSSSSTFASx17A-XX I XXX	M23-SSSSSTFASx17A-XX II XXX				
17B	M23-SSSPSTFASx17B-XX I XXX	M23-SSSPSTFASx17B-XX II XXX	M23-SSSSSTFASx17B-XX I XXX	M23-SSSSSTFASx17B-XX II XXX				
19A	M23-SSSPSTFASx19A-XX I XXX	M23-SSSPSTFASx19A-XX II XXX	M23-SSSSSTFASx19A-XX I XXX	M23-SSSSSTFASx19A-XX II XXX				

Note: SX 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-SSSCPSTFASx06A-XX I XXX	M23-SSSCPSTFASx06A-XX II XXX	M23-SSSCSSTFASx06A-XX I XXX	M23-SSSCSSTFASx06A-XX II XXX				
7A	M23-SSSCPSTFASx07A-XX I XXX	M23-SSSCPSTFASx07A-XX II XXX	M23-SSSCSSTFASx07A-XX I XXX	M23-SSSCSSTFASx07A-XX II XXX				
9A	M23-SSSCPSTFASx09A-XX I XXX	M23-SSSCPSTFASx09A-XX II XXX	M23-SSSCSSTFASx09A-XX I XXX	M23-SSSCSSTFASx09A-XX II XXX				
9B	M23-SSSCPSTFASx09B-XX I XXX	M23-SSSCPSTFASx09B-XX II XXX	M23-SSSCSSTFASx09B-XX I XXX	M23-SSSCSSTFASx09B-XX II XXX				
9C	M23-SSSCPSTFASx09C-XX I XXX	M23-SSSCPSTFASx09C-XX II XXX	M23-SSSCSSTFASx09C-XX I XXX	M23-SSSCSSTFASx09C-XX II XXX				
12A	M23-SSSCPSTFASx12A-XX I XXX	M23-SSSCPSTFASx12A-XX II XXX	M23-SSSCSSTFASx12A-XX I XXX	M23-SSSCSSTFASx12A-XX II XXX				
12B	M23-SSSCPSTFASx12B-XX I XXX	M23-SSSCPSTFASx12B-XX II XXX	M23-SSSCSSTFASx12B-XX I XXX	M23-SSSCSSTFASx12B-XX II XXX				
16A	M23-SSSCPSTFASx16A-XX I XXX	M23-SSSCPSTFASx16A-XX II XXX	M23-SSSCSSTFASx16A-XX I XXX	M23-SSSCSSTFASx16A-XX II XXX				
17A	M23-SSSCPSTFASx17A-XX I XXX	M23-SSSCPSTFASx17A-XX II XXX	M23-SSSCSSTFASx17A-XX I XXX	M23-SSSCSSTFASx17A-XX II XXX				
17B	M23-SSSCPSTFASx17B-XX I XXX	M23-SSSCPSTFASx17B-XX II XXX	M23-SSSCSSTFASx17B-XX I XXX	M23-SSSCSSTFASx17B-XX II XXX				
19A	M23-SSSCPSTFASx19A-XX I XXX	M23-SSSCPSTFASx19A-XX II XXX	M23-SSSCSSTFASx19A-XX I XXX	M23-SSSCSSTFASx19A-XX II XXX				

Note: SX refer to panel mount hole S1:PG13.5; S2:M25x1.0; S3:M25x1.5, 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