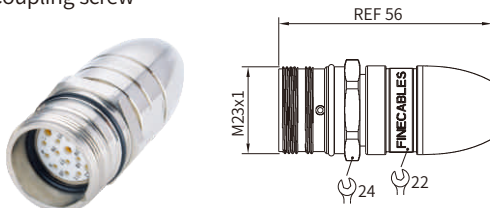


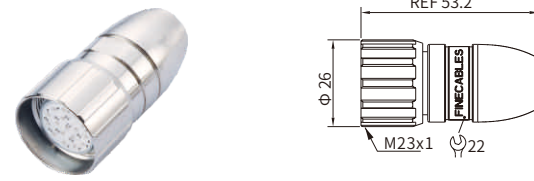
M23 Straight Connector, Assembly, Female, Coupling screw/nut

Coupling screw



CE RoHS

Coupling nut



CE RoHS

Specifications

Contacts	6A	7A	9A	9B	9C	12A	12B	16A	17A	17B	19A
Certification	ECBT2(ECBT8).E473386										
Pin layout(Female)											
Connector insert	PA										
Connector contacts	Brass with gold plated										
Coupling nut/screw	Brass with nickel plated										
Connector body	Brass/Zinc alloy 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	17		19(16+3)
Contacts	6,7		8 / 6		1 / 3	12	16	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

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

Pins	Coupling screw		Coupling nut	
	Solder	Crimp	Solder	Crimp
6A	M23-SSSSST06A-XX	M23-SSSCSST06A-XX	M23-SNSST06A-XX	M23-SNSCSST06A-XX
7A	M23-SSSSST07A-XX	M23-SSSCSST07A-XX	M23-SNSST07A-XX	M23-SNSCSST07A-XX
9A	M23-SSSSST09A-XX	M23-SSSCSST09A-XX	M23-SNSST09A-XX	M23-SNSCSST09A-XX
9B	M23-SSSSST09B-XX	M23-SSSCSST09B-XX	M23-SNSST09B-XX	M23-SNSCSST09B-XX
9C	M23-SSSSST09C-XX	M23-SSSCSST09C-XX	M23-SNSST09C-XX	M23-SNSCSST09C-XX
12A	M23-SSSSST12A-XX	M23-SSSCSST12A-XX	M23-SNSST12A-XX	M23-SNSCSST12A-XX
12B	M23-SSSSST12B-XX	M23-SSSCSST12B-XX	M23-SNSST12B-XX	M23-SNSCSST12B-XX
16A	M23-SSSSST16A-XX	M23-SSSCSST16A-XX	M23-SNSST16A-XX	M23-SNSCSST16A-XX
17A	M23-SSSSST17A-XX	M23-SSSCSST17A-XX	M23-SNSST17A-XX	M23-SNSCSST17A-XX
17B	M23-SSSSST17B-XX	M23-SSSCSST17B-XX	M23-SNSST17B-XX	M23-SNSCSST17B-XX
19A	M23-SSSSST19A-XX	M23-SSSCSST19A-XX	M23-SNSST19A-XX	M23-SNSCSST19A-XX