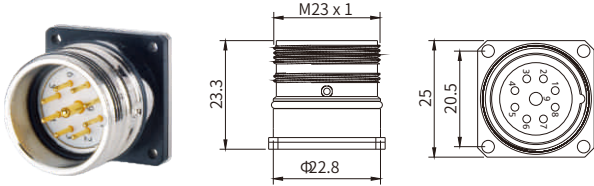
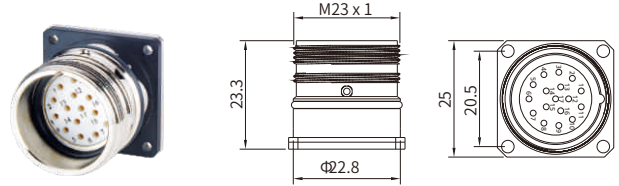


M23 Straight Connector, Panel Mount, Solder, Rear fastened, Coupling screw, with Flange

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 | | | | | | | | | | |
| Seal/O-ring | FKM or NBR | | | | | | | | | | |
| Mating Endurance | >800 | | | | | | | | | | |
| Insulation resistance | ≥100MΩ | | | | | | | | | | |
| Contact resistance | ≤5mΩ | | | | | | | | | | |
| Ambient temperature | -40°C ~ +125°C | | | | | | | | | | |
| Shielding | Unavailable | | | | | | | | | | |
| IP rating | IP67, IP68 in locked condition | | | | | | | | | | |
| Panel cut-out | Refer to page 482 | | | | | | | | | | |
| 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

Note: FX refer to panel mount hole F1:Φ2.7; F2: M2.5; F3:Φ3.2; F4: M3.0

| Pins | Cable length | Male | | Female | |
|------|--------------|------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| | | UL1007 | UL1015 | UL1007 | UL1015 |
| 6A | 0.3m | M23-SSPSTR _{FX} 06A- I 03 | M23-SSPSTR _{FX} 06A- II 03 | M23-SSSSTR _{FX} 06A- I 03 | M23-SSSSTR _{FX} 06A- II 03 |
| 7A | 0.3m | M23-SSPSTR _{FX} 07A- I 03 | M23-SSPSTR _{FX} 07A- II 03 | M23-SSSSTR _{FX} 07A- I 03 | M23-SSSSTR _{FX} 07A- II 03 |
| 9A | 0.3m | M23-SSPSTR _{FX} 09A- I 03 | M23-SSPSTR _{FX} 09A- II 03 | M23-SSSSTR _{FX} 09A- I 03 | M23-SSSSTR _{FX} 09A- II 03 |
| 9B | 0.3m | M23-SSPSTR _{FX} 09B- I 03 | M23-SSPSTR _{FX} 09B- II 03 | M23-SSSSTR _{FX} 09B- I 03 | M23-SSSSTR _{FX} 09B- II 03 |
| 9C | 0.3m | M23-SSPSTR _{FX} 09C- I 03 | M23-SSPSTR _{FX} 09C- II 03 | M23-SSSSTR _{FX} 09C- I 03 | M23-SSSSTR _{FX} 09C- II 03 |
| 12A | 0.3m | M23-SSPSTR _{FX} 12A- I 03 | M23-SSPSTR _{FX} 12A- II 03 | M23-SSSSTR _{FX} 12A- I 03 | M23-SSSSTR _{FX} 12A- II 03 |
| 12B | 0.3m | M23-SSPSTR _{FX} 12B- I 03 | M23-SSPSTR _{FX} 12B- II 03 | M23-SSSSTR _{FX} 12B- I 03 | M23-SSSSTR _{FX} 12B- II 03 |
| 16A | 0.3m | M23-SSPSTR _{FX} 16A- I 03 | M23-SSPSTR _{FX} 16A- II 03 | M23-SSSSTR _{FX} 16A- I 03 | M23-SSSSTR _{FX} 16A- II 03 |
| 17A | 0.3m | M23-SSPSTR _{FX} 17A- I 03 | M23-SSPSTR _{FX} 17A- II 03 | M23-SSSSTR _{FX} 17A- I 03 | M23-SSSSTR _{FX} 17A- II 03 |
| 17B | 0.3m | M23-SSPSTR _{FX} 17B- I 03 | M23-SSPSTR _{FX} 17B- II 03 | M23-SSSSTR _{FX} 17B- I 03 | M23-SSSSTR _{FX} 17B- II 03 |
| 19A | 0.3m | M23-SSPSTR _{FX} 19A- I 03 | M23-SSPSTR _{FX} 19A- II 03 | M23-SSSSTR _{FX} 19A- I 03 | M23-SSSSTR _{FX} 19A- II 03 |