

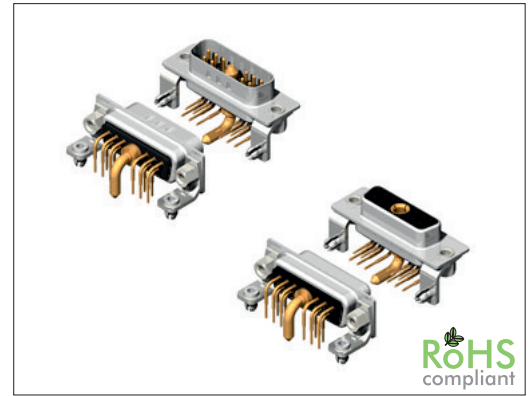
3123 Series

D-Sub High Power 11W1 Right Angle 20/40 A

General specifications

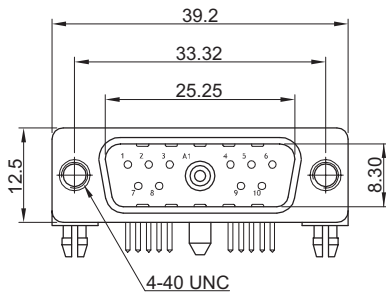
| | |
|----------------------------|---|
| Insulator material | Glass filled polyester, UL94V-0, color: black |
| Contact material | Copper alloy |
| Shell material | Steel, plating: tin |
| Lock link | Copper alloy, plating: tin over nickel |
| Signal contact rating | 3 A |
| (Power) Contact resistance | (2.7 mΩ max.) 10 mΩ max. |
| Insulator resistance | 5000 MΩ min. |
| Dielectrical withstanding | 1000 VAC for 1 min |
| Operating temperature | -55 °C to +125 °C |
| Durability | 100 cycles |

Mating parts series

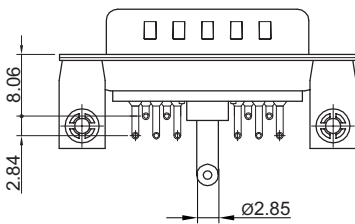


Mechanical dimensions

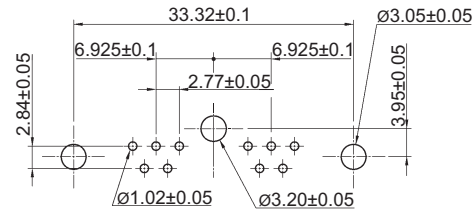
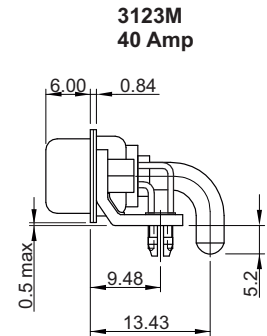
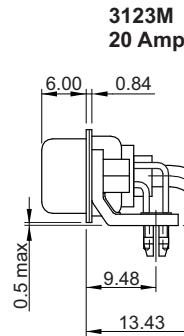
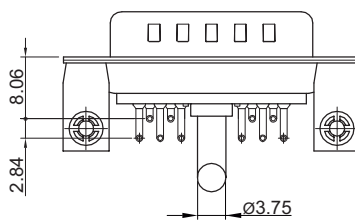
Unit: mm



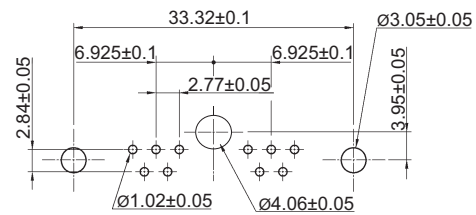
**3123M
20 Amp**



**3123M
40 Amp**



Recommended P.C.B. Layout



Recommended P.C.B. Layout

Tolerances

| | | |
|--------|-----|--------|
| Linear | X | ± 0.30 |
| | XX | ± 0.20 |
| | XXX | ± 0.10 |

continued on page 2

Part numbering guide

3123 F

20

B

B

0

Series

F = Female
M = Male

Power contacts
20 = 20 A
40 = 40 A

Power contact plating
B = Flashgold
F = 15 μ" gold
J = 30 μ" gold

Signal contact plating
B = Flashgold
F = 15 μ" gold
J = 30 μ" gold

Mounting type

0 = w/o screws
B = w/ rivited front bolts 4.0 mm
C = w/ rivited rear bolts 4.0 mm
I = w/ ground tabs 3.2 mm

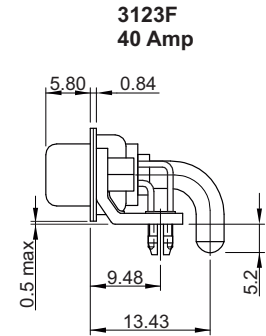
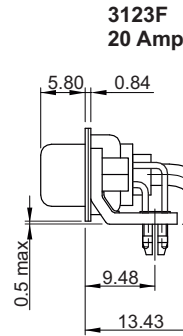
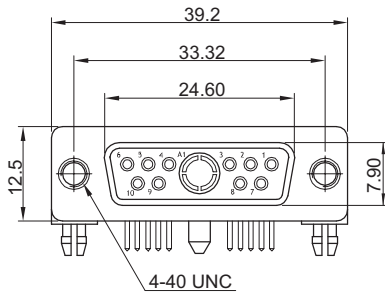
L = tabs w/ boadlock

* standard

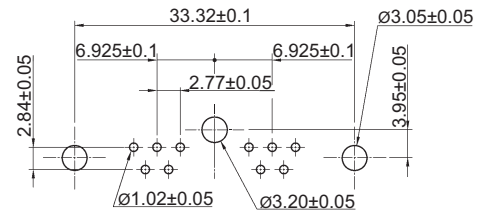
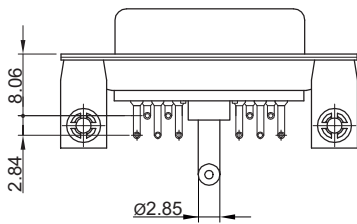


Mechanical dimensions

Unit: mm

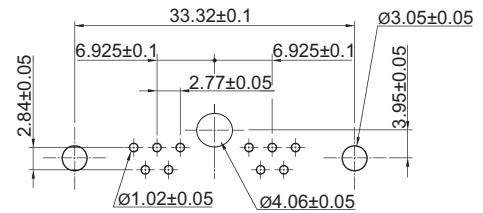
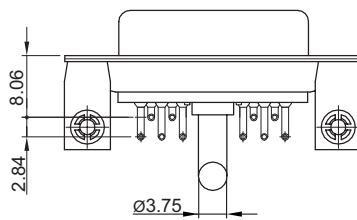


**3123F
20 Amp**



Recommended P.C.B. Layout

**3123F
40 Amp**



Recommended P.C.B. Layout

| Type 0 (w/ Ø3.05 holes) | Type B (w/ rivited front bolts) | Type C (w/ rivited rear bolts) | Type I (w/ ground tabs) | Type L (tabs w/ lock) |
|-------------------------|---------------------------------|--------------------------------|-------------------------|-----------------------|
| | | | | |

| Tolerances | |
|------------|-------------|
| Linear | X ± 0.30 |
| | .XX ± 0.20 |
| | .XXX ± 0.10 |

