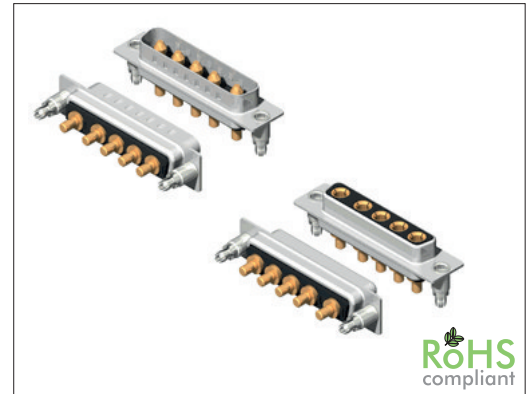


General specifications

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
Power contact resistance	2.7 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Operating temperature	-55 °C to +125 °C
Durability	100 cycles

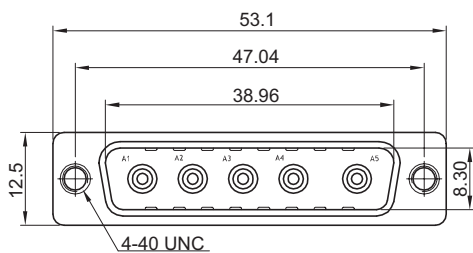
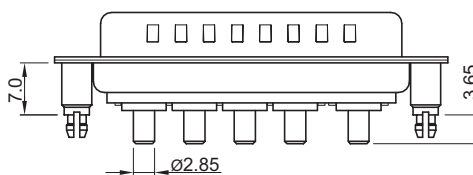
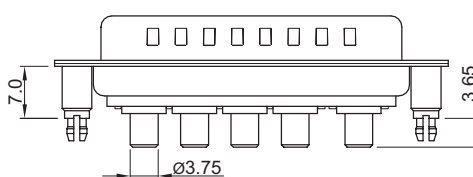
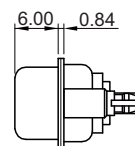
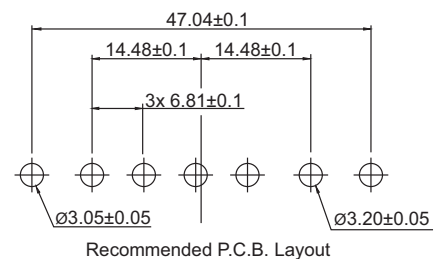
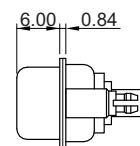
Mating parts series



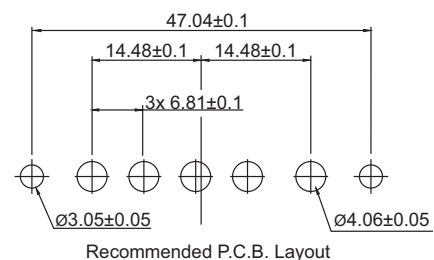
RoHS
compliant

Mechanical dimensions

Unit: mm

3144M
20 Amp3144M
40 Amp3144M
20 Amp3144M
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

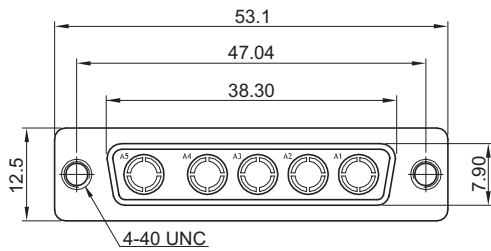
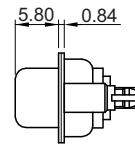
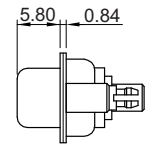
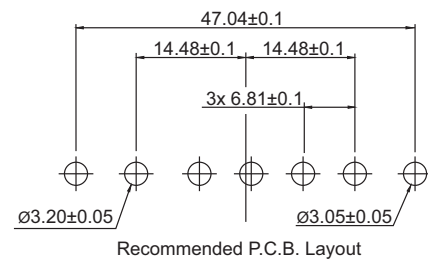
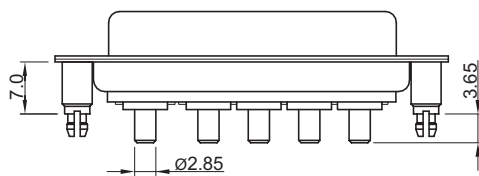
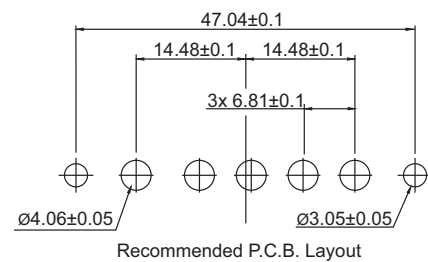
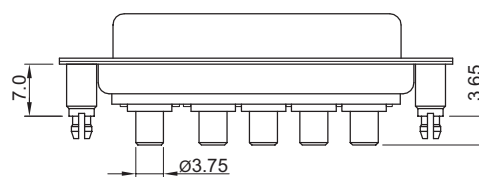
3144 F	20	B	0	0
Series F = Female M = Male	Power contacts 20 = 20 A 40 = 40 A	Power contact plating B = Flashgold F = 15 μ" gold J = 30 μ" gold	Signal contact plating 0 = w/o signal contact	Mounting type 0 = w/o screws B = w/ rivited front bolts 4.0 mm C = w/ rivited rear bolts 4.0 mm D = w/ ground standoff 7.0 mm

* standard



Mechanical dimensions

Unit: mm

3144F
20 Amp3144F
40 Amp3144F
20 Amp3144F
40 Amp

Type 0 (w/ Ø3.05 holes)	Type B (w/ rivited front bolts)	Type C (w/ rivited rear bolts)	Type D (w/ ground standoff)

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

