

6499X Series

Multiport RJ45 8P Side Entry CAT.5 Shielded

General specifications

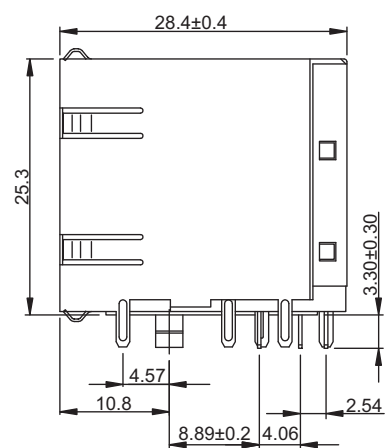
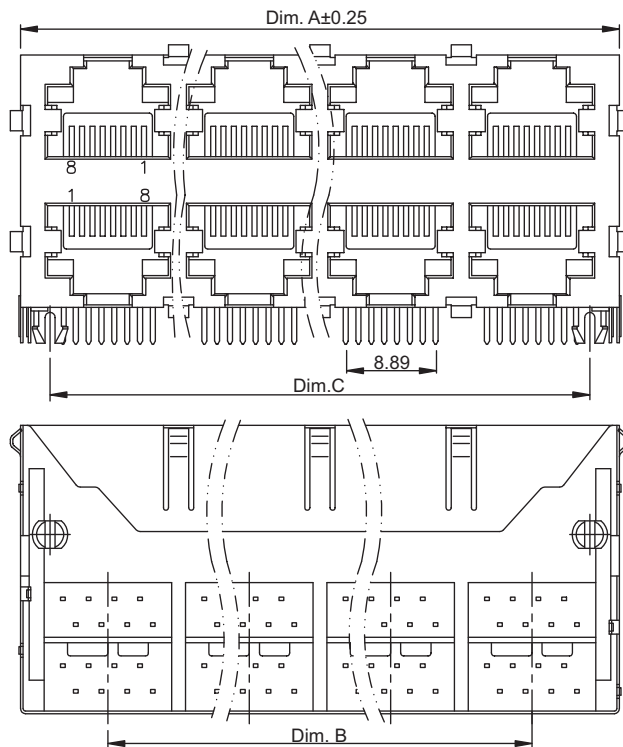
Insulator material	Polyester w/ glass fiber, UL94V-0, color: black
Contact material	Phosphor bronze
Current rating	1 A
Voltage rating	125 VAC
Contact resistance	50 mΩ max.
Insulator resistance	200 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Operating temperature	-40 °C to +85 °C
Soldering	Lead free wave soldering process
Durability	750 cycles

Mating parts series



RoHS
compliant

Mechanical dimensions

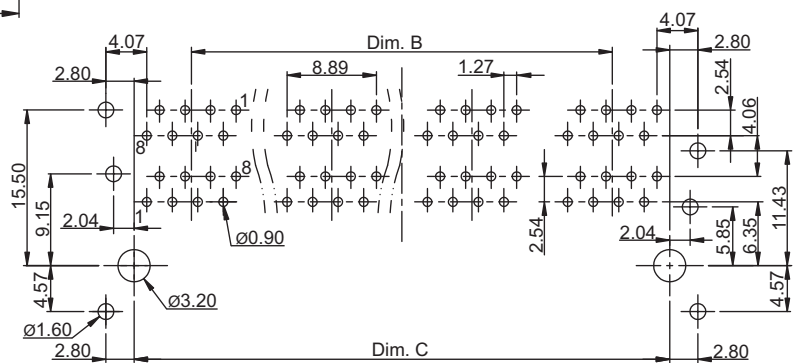


Unit: mm

Ports	Dim. A	Dim. B	Dim. C
2x2	31.24	13.97	25.40
2x4	59.18	41.91	53.34
2x6	87.12	69.85	81.28
2x8	115.06	97.79	109.22

Frequency	Near-End cross talk dB, min.	Return loss dB, min.	Attenuation d.B. max.
1.00 MHZ	65.0	23.0	0.1
4.00 MHZ	65.0	23.0	0.1
8.00 MHZ	62.0	23.0	0.1
10.00 MHZ	60.0	23.0	0.1
16.00 MHZ	56.0	23.0	0.2
20.00 MHZ	54.0	23.0	0.2
25.00 MHZ	52.0	23.0	0.2
31.25 MHZ	50.0	14.0	0.2
62.50 MHZ	44.0	14.0	0.3
100.00 MHZ	40.0	14.0	0.4

Tolerances		
Linear	X	± 0.25
	.XX	± 0.15
	.XXX	± 0.10



Recommended
P.C.B. layout

Part numbering guide

6499 — B — C

Series

Ports

Contact plating

B = 2x2 C = 3 μ" gold K = 50 μ" gold

D = 2x4

F = 6 μ" gold

F = 2x6

F = 15 μ" gold

H = 2x8

J = 30 μ" gold

* standard

