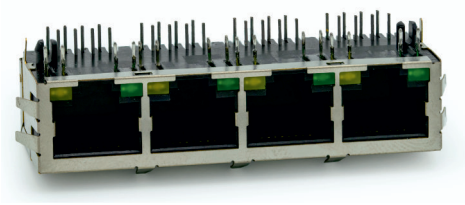
6791X Series Multiport RJ45 8P LED Side Entry Shielded

General specifications	
Insulator material	Polyester w/ glass fiber, UL94V-0
Contact material	Phosphor bronze, plating: gold over nickel
Current / voltage rating	1.5 A / 125 VAC
Contact resistance	45 mΩ max
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Durability	750 cycles
Operation temperature	-25 °C to +85 °C
Soldering	Lead free wave soldering process

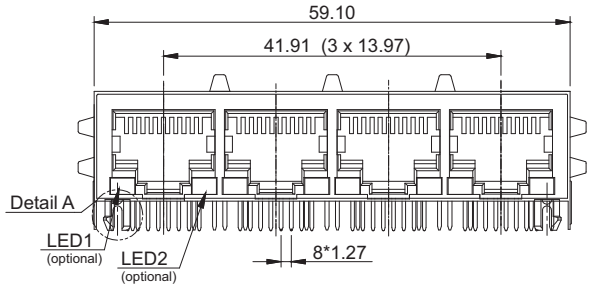
Mating parts series

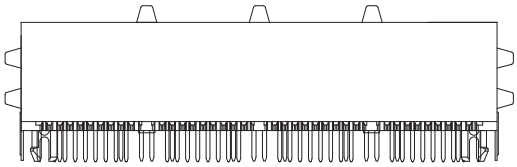


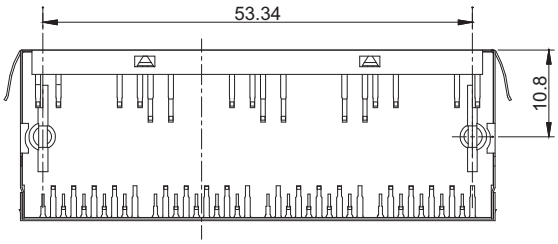
RoHS compliant

Mechanical dimensions

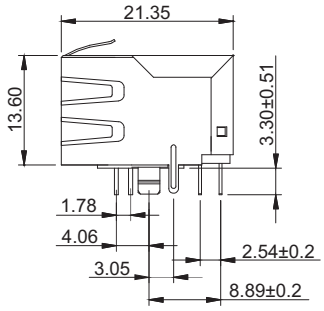
Unit: mm



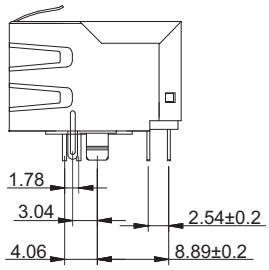


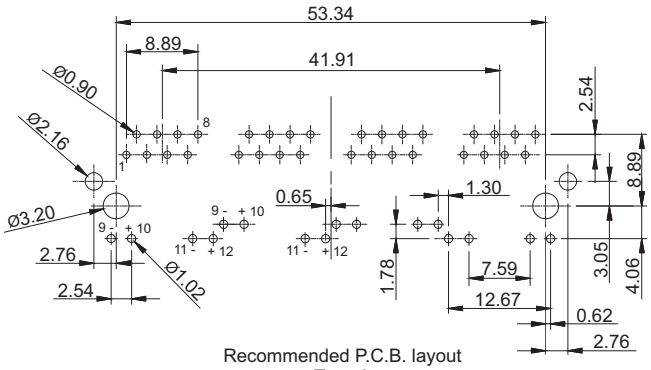


Type A

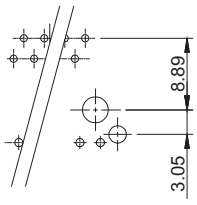


Type B

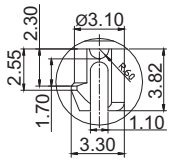




Recommended P.C.B. layout
Type A



Recommended P.C.B. layout
Type B



Detail A

Tolerances		
Linear	X.	± 0.20
	.X	± 0.15
	.XX	± 0.10

Part numbering guide

6791	D	C	G	Y	0	A
Series	Ports	Contact plating	Color LED1	Color LED2	Ground spring	Ground tab

Ports
D = 4

Contact plating
C = 3 µ" gold
D = 6 µ" gold
F = 15 µ" gold
J = 30 µ" gold
K = 50 µ" gold

Color LED1
D = Green/yellow
G = Green
R = Red
Y = Yellow

Color LED2
N = w/o LED

Ground spring
0 = w/o spring
1 = Top spring
2 = Side spring
3 = Top and side spring

Ground tab
A = Type A
B = Type B

* standard

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