

68900 Series

Multiport RJ45 10/100 BASE-TX

General specifications

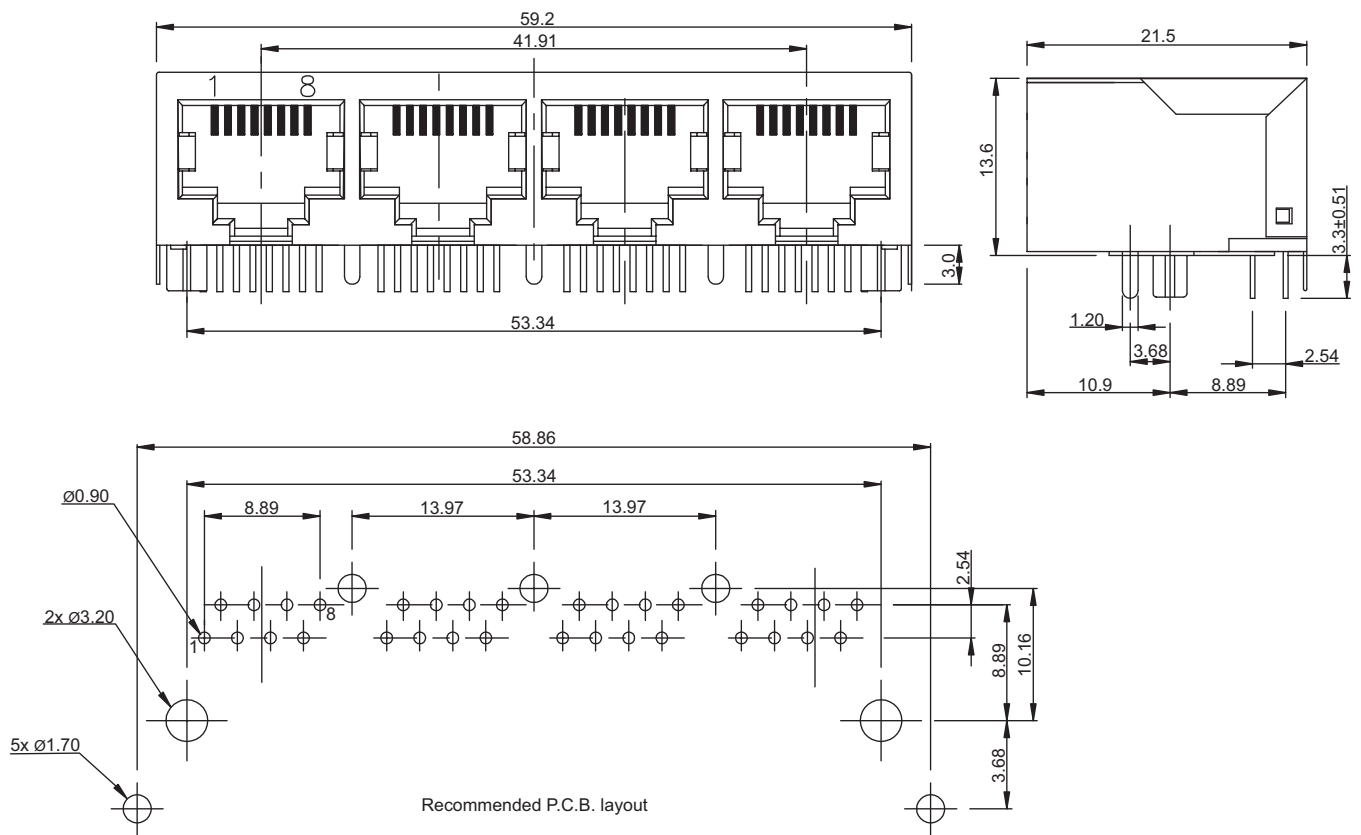
Insulator material	High temperature plastic, UL94V-0
Contact material	Phosphor bronze
Contact plating	Gold over nickel
Shield material	Brass, plating: nickel
Insulator resistance	1000 M Ω min.
Dielectrical withstanding	1500 VAC for 1 min
Durability	750 cycles
Operation temperature	-20 °C to +70 °C
Complies with	IEEE 802.3, ANSI X3.263
Soldering	Lead free wave soldering process

Mating parts series



Mechanical dimensions

Unit: mm



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

continued on page 2

Part numbering guide

68900	C	018	N	N	0
Series	Contact plating C = 3 μ " gold D = 6 μ " gold F = 15 μ " gold J = 30 μ " gold K = 50 μ " gold	Schematics see page 2	Color LED1 N = w/o LED	Color LED2	Ground spring 0 = w/o spring

* standard

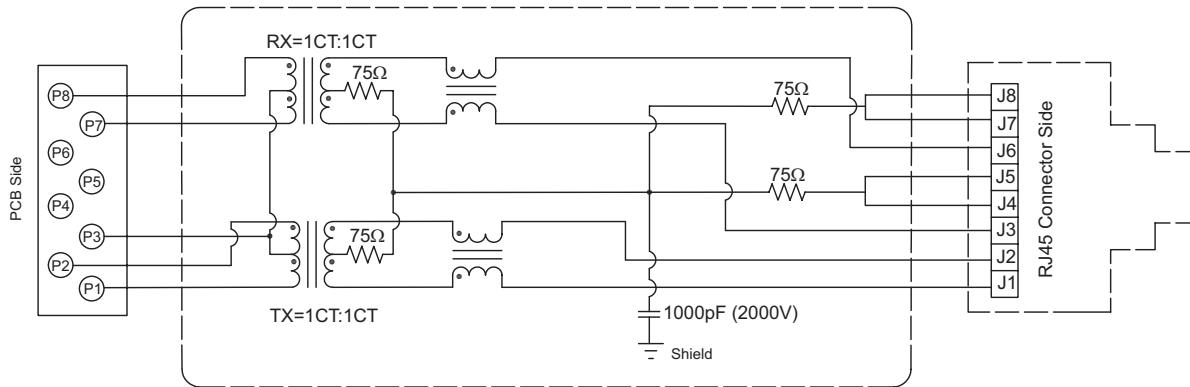


Mechanical dimensions

Unit: mm

Schematics: 018

Note: other schematics and LED polarity on customer request



Turns ratio	Inductance	Insertion loss	Return loss			Cross talk
		1 - 100 MHz	1 - 30 MHz	30 - 60 MHz	60 - 80 MHz	1 - 100 MHz
1:1	350 μ H min. @ 0.1 V, 100 KHz, 8 mA DC Bias	-1.0 dB max.	-18 dB min.	-15 dB min.	-10 dB min.	-38 dB min.

Tolerances

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	.XX	± 0.15
	.XXX	± 0.10

