

General specifications

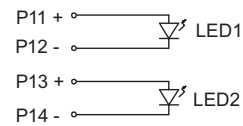
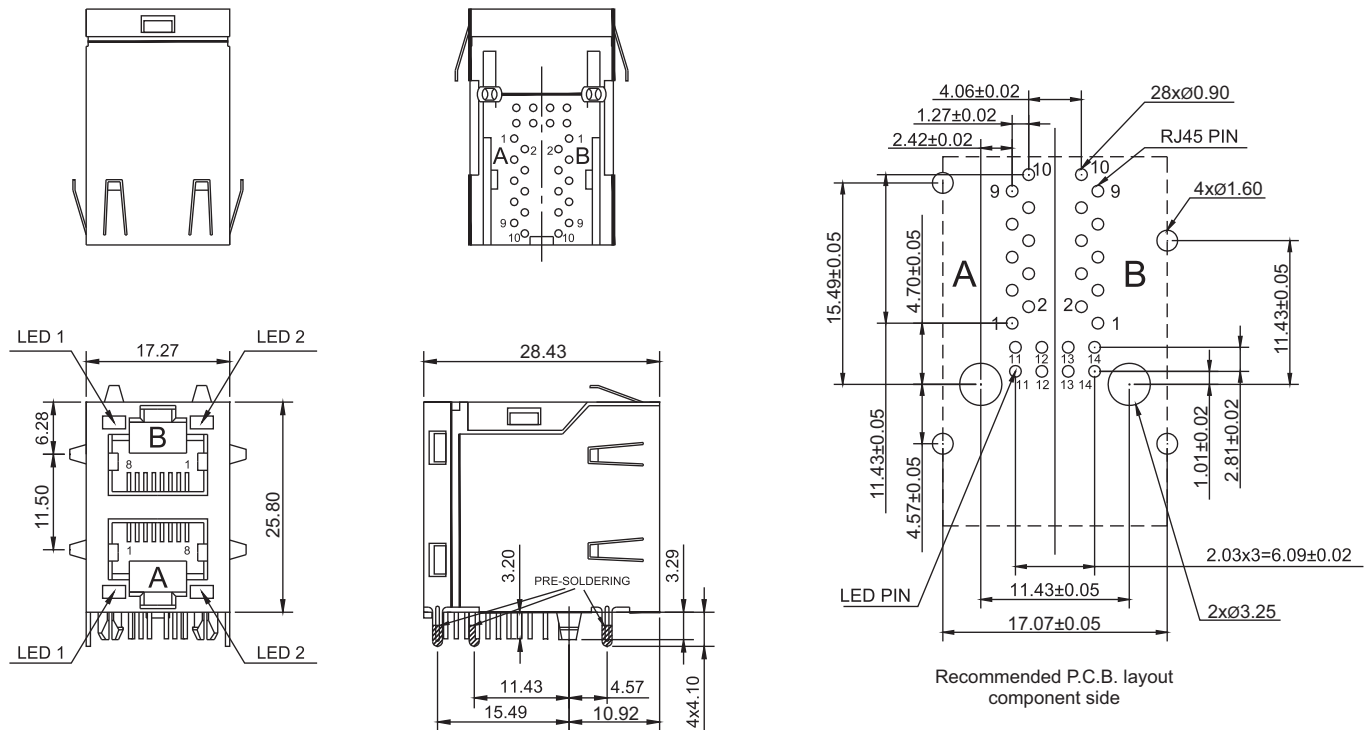
Insulator material	Thermoplastic, UL94V-0
Contact material	Copper alloy
Contact plating	Gold over nickel
Shield material	Brass, plating: nickel
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	1500 VAC for 1 min
Durability	750 cycles
Operation temperature	-40 °C to +85 °C
Complies with	IEEE 802.3
Soldering	Lead free wave soldering process

Mating parts series



Mechanical dimensions

Unit: mm



Tolerances	
Linear	± 0.25

continued on page 2

Part numbering guide

69771C	C	1202	G	Y	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 D = Green/yellow G = Green Y = Yellow	Color LED2	Ground spring 0 = w/o spring 1 = Top spring 2 = Side spring 3 = Top and side spring

* standard

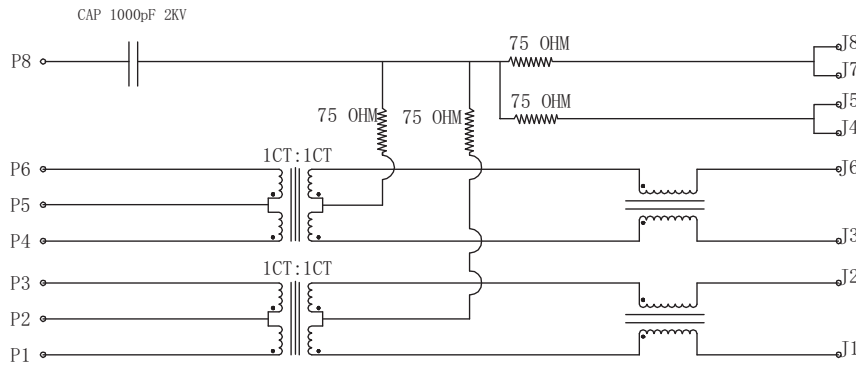


Mechanical dimensions

Unit: mm

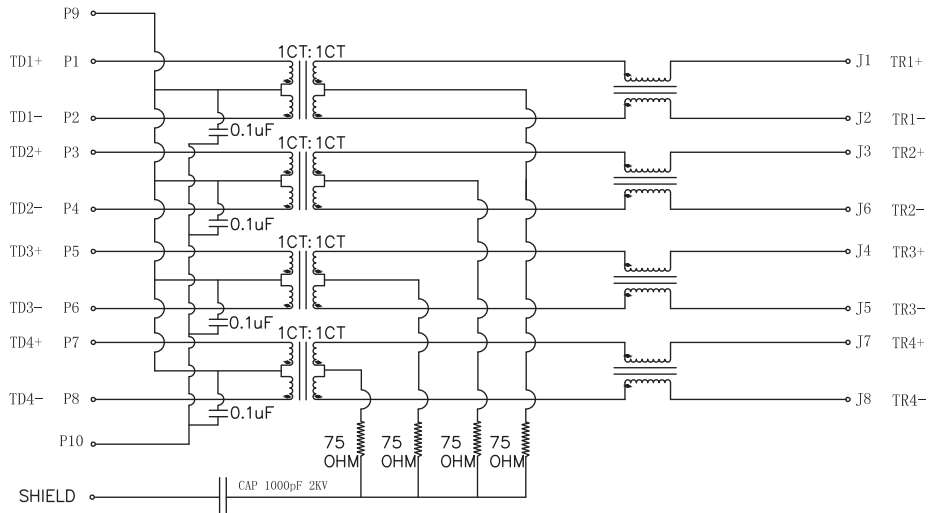
Schematics 1202

Note: other schematics and LED polarity on customer request



Turns ratio	Inductance	DC resistance	Insertion loss 1 - 100 MHz	Return loss			Cross talk 1 - 100 MHz	Common mode 1 - 100 MHz
				1 - 30 MHz	30 - 60 MHz	60 - 80 MHz		
1:1	350 μ H min. @ 0.1 V, 100 KHz, 8 mA DC Bias	1.2 Ω max.	-1.2 dB max.	-16 dB min.	-12 dB min.	-10 dB min.	-30 dB min.	-30 dB min.

Schematics 1301



Turns ratio (\pm 5%)	Inductance	DC resistance	Insertion loss 0.1 - 100 MHz	Return loss				Cross talk 1 - 100 MHz	Common mode 1 - 100 MHz
				1 - 40 MHz	40 - 60 MHz	60 - 80 MHz	80 - 100 MHz		
1:1	350 μ H min. @ 0.1 V, 100 KHz, 8 mA DC Bias	1.2 Ω max.	-1.0 dB max.	-16 dB min.	-12 dB min.	-10 dB min.	-8 dB min.	-30 dB min.	-30 dB min.

Tolerances	
Linear	\pm 0.25

