

69964 Series RJ45 1000 BASE-TX w/ LED

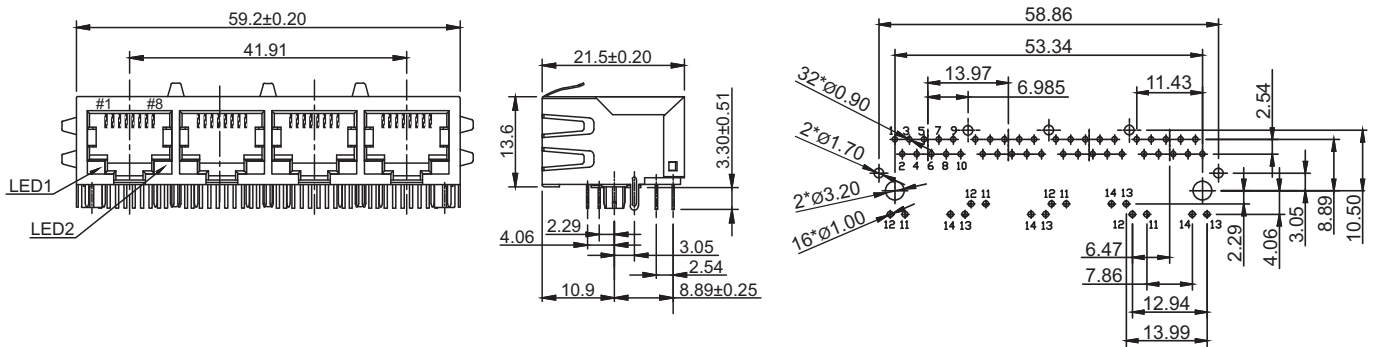
General specifications	
Insulator material	High temperature plastic, UL94V-0
Contact material	Phosphor bronze
Contact plating	Gold over nickel
Shield material	Brass, plating: nickel
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	1500 VAC for 1 min
Durability	750 cycles
Operation temperature	-40 °C to +85 °C
Complies with	IEEE 802.3
Soldering	Lead free wave soldering process
Mating parts series	



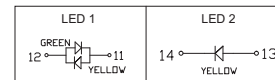
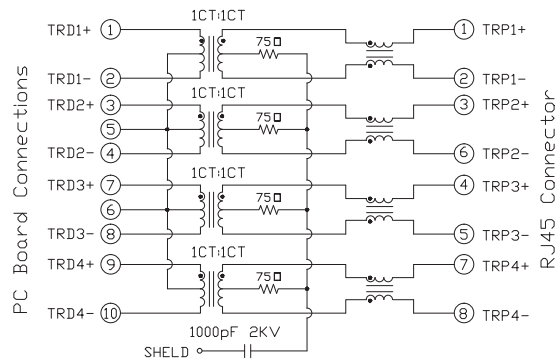
RoHS compliant

Mechanical dimensions

Unit: mm



Schematic: 012



Turns ratio	Inductance	Insertion loss	Return loss			Cross talk	Common mode
			1 - 100 MHz	1 - 30 MHz	30 - 60 MHz		
1:1	350 μH min. @ 0.1 V, 100 KHz, 8 mA DC Bias	-1.1 dB max.	-18 dB min.	-16 dB min.	-12 dB min.	-30 dB min.	-30 dB min.

Tolerances	
Linear	± 0.25

Note: other schematics and LED polarity on customer request

Part numbering guide

69964C	C	012	N	N	0
Series	Contact plating C = 3 μ" gold K = 50 μ" gold D = 6 μ" gold F = 15 μ" gold J = 30 μ" gold	Schematics 012 others on request	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

