

General specifications

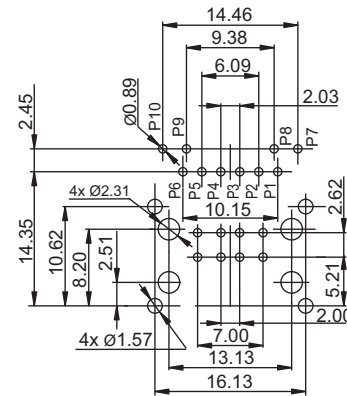
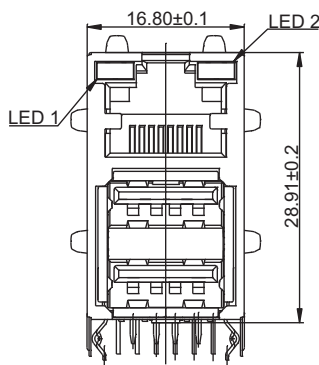
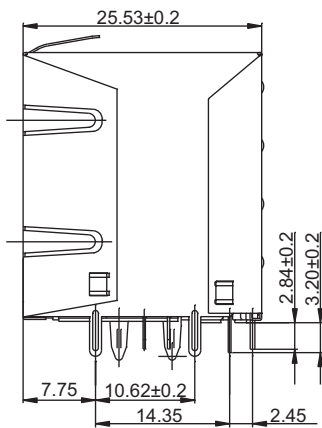
Insulator material	Thermoplastic, UL94V-0
Contact material	Phosphor bronze
Current / voltage rating USB	1.5 A / 125 VAC
Contact resistance USB	40 mΩ max
Insulator resistance	200 MΩ min.
Dielectrical withstanding RJ45	1500 VAC for 1 min
Durability USB / RJ45	1500/ 750 cycles
Operation temperature	-40 °C to +85 °C
Complies with	IEEE 802.3
Soldering	Lead free wave soldering process

Mating parts series



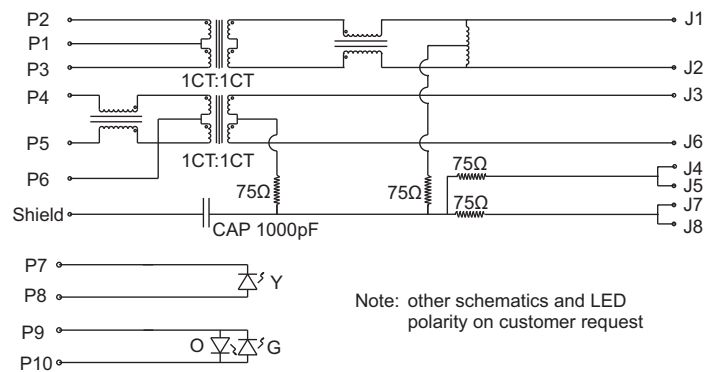
Mechanical dimensions

Unit: mm



Recommended P.C.B. layout

Schematics: 11

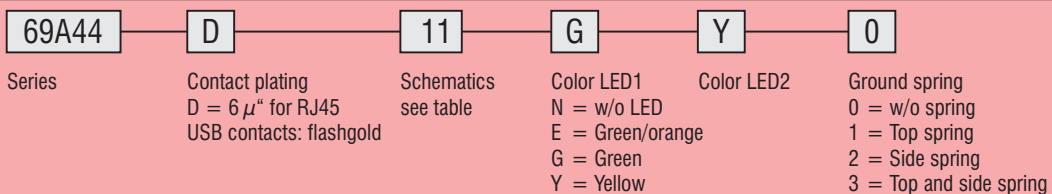


Note: other schematics and LED polarity on customer request

Turns ratio	Inductance	DC resistance	Insertion loss		Return loss		Cross talk	Common mode
			1 - 100 MHz	1 - 30 MHz	30 - 60 MHz	60 - 80 MHz		
1:1	350 μH min. @ 0.1 V, 100 KHz, 8 mA DC Bias	1.2 Ω max.	-1.2 dB max.	-18 dB min.	-(18-20log(f/30)) dB min. (f in MHz)	-12 dB min.	-30 dB min.	-30 dB min.

Tolerances	
Linear	± 0.25

Part numbering guide



* standard

