

Features:

ROHS Compliant (pb free)

Meets or exceeds IEEE802.3 standards including 180uH Min OCL with 8mADC

High performance for EMI suppression , Crosstalk, Return loss

Minimum 2250VDC isolation per IEEE802.3 requirement

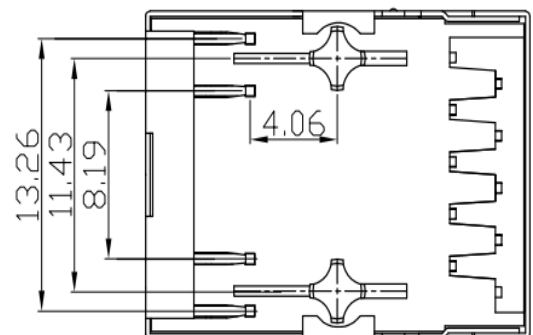
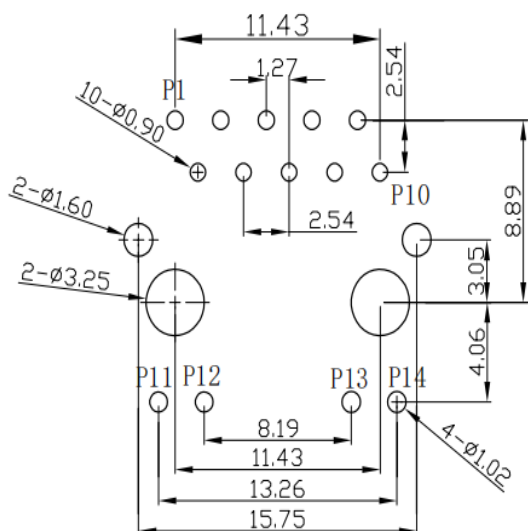
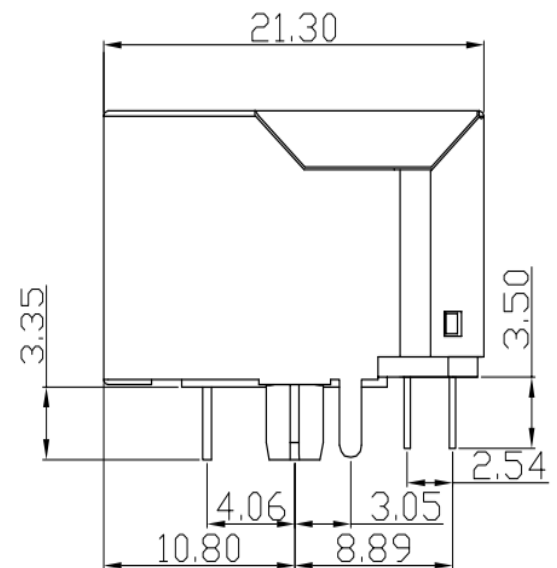
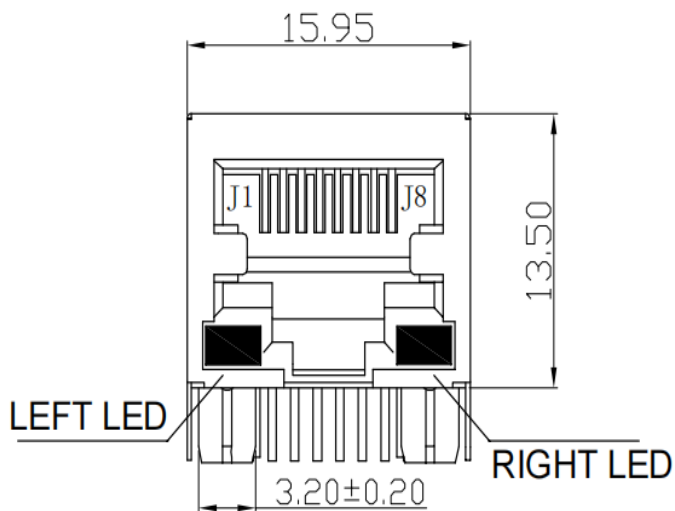
Minimize PCB space and Simplify PCB Layout

Less magnetic components to be placed on PCB, higher reliability and yields

Operating teperature: 0°C~+70°C

Storage temperature: -40°C~+85°C

Mechanical Dimensions:



Electrical Specification@25° C Operating Temperature 0 to +70° C							
Part NO	OCL primary@100KHz 0.1Vms 8mA	Leakage primary@10KHz 0.1Vms	LED Specification				
			Standard LED	Wavelength	Forward V(Min/Max)	Forward A	Type
L1159A03A -GYB	180uH Min	0.5uH max	Green	568nm	1.8v/2.8v	20mA	squareness
			Yellow	585nm	1.8v/2.8v	20mA	squareness

Electrical Specification@25° C Operating Temperature 0 to +70° C						
Part NO	Insertion loss(dB max) 100KHz-125MHz	Return Loss(db min)MHz		CMRR(dB min)MHz	Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-40	40-200			
L1159A03A -GYB	-1.0	-20	-20dB+15*Log	-30	-30	2250

Schematic

