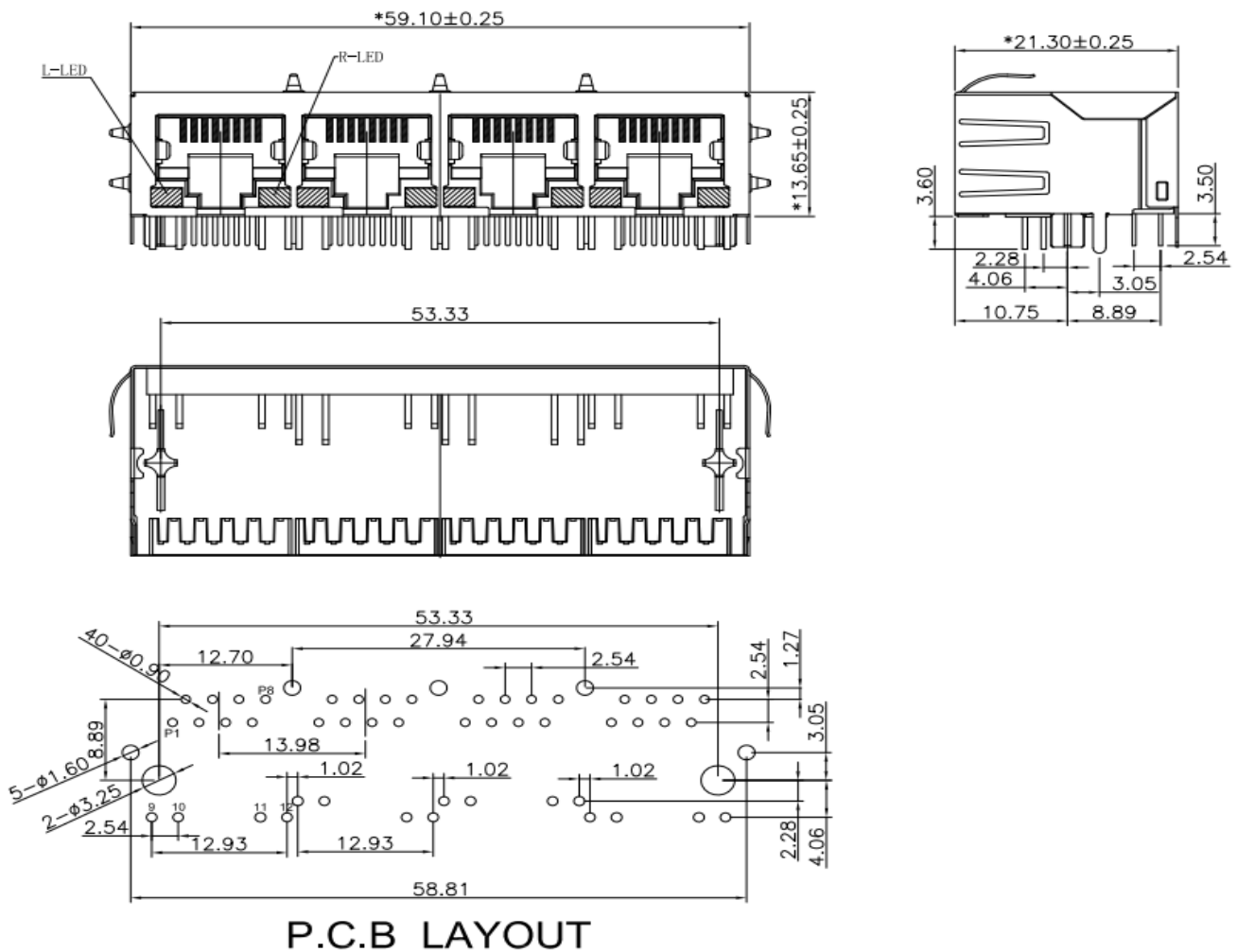


Features:

- ROHS Compliant (pb free)
- Meets or exceeds IEEE802.3 standards including 350uH Min OCL with 8mADC
- High performance for EMI suppression , Crosstalk, Return loss
- Minimun 1500Vrms isalation 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: -40°C~+85°C
- Storage temperature: -40°C~+125°C

Mechanical Dimensions:



LED ELECTRICAL CHARACTERISTIC	
Green 9  10 LEFT LED	Yellow 11  12 RIGHT LED

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	Wavelen gth	Forward V(Min/Max)	Forward A	Type	
HX1459A01 B-GYB	350uH 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) 1-100MHz	Return Loss(db min)MHz				DMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-100	1-60	60-100	1-100	
HX1459A01 B-GYB	-1.0	-20	-16	-16	-12	-50	-50	-30	1500

Schematic

