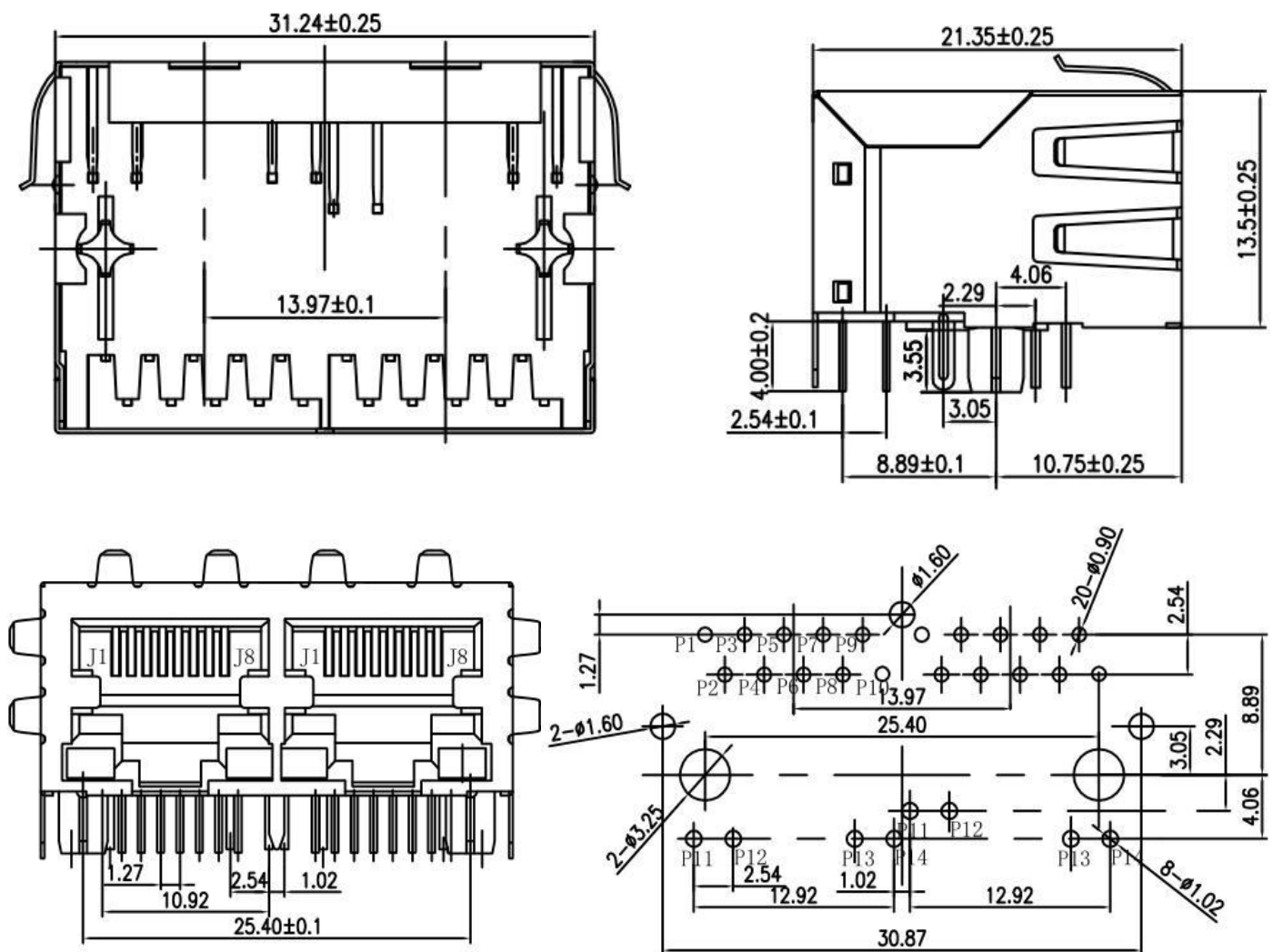


Features:

ROHS Compliant (pb free)
Meets or exceeds IEEE802.3 standards including 350uH Min OCL with 8mAD
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 TEMPERATURE: 0°C~+70°C
STORAGE TEMPERATURE: -40°C~+85°C

Mechanical Dimensions:



Dimensions in MM

Unless otherwise specified, Tolerance: XX ±0.25

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	
HQST-G1259A01A(B)-GY	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	
HQST-G1259A01A(B)-GY	-1.2	-18	-18	-16	-12	-50	-50	-30	1500

Schematic

Schematics:

