



Medical
electric
equipment



Power
Factor
Correction



World
wide



Safety
Approvals



EMI



Inrush
current
limiting



OCP



OVP



Remote
ON/OFF

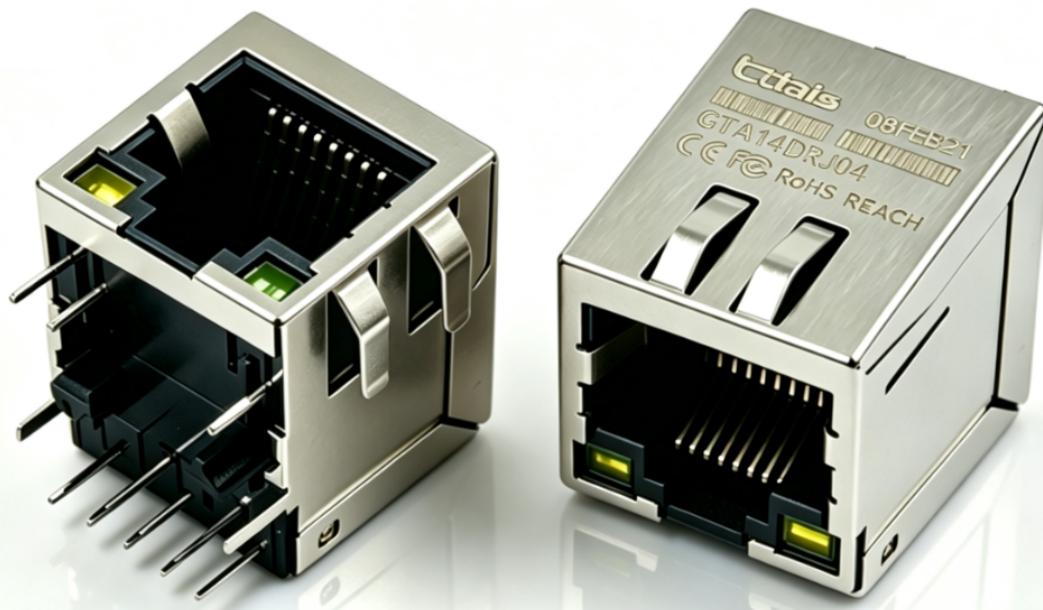


Parallel
Operation



1U

G-series



■ 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 and Consistent Electrical

Minimum 1500Vrms isolation per IEEE802.3 requirement

Minimize PCB space and Simplify PCB Layout

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

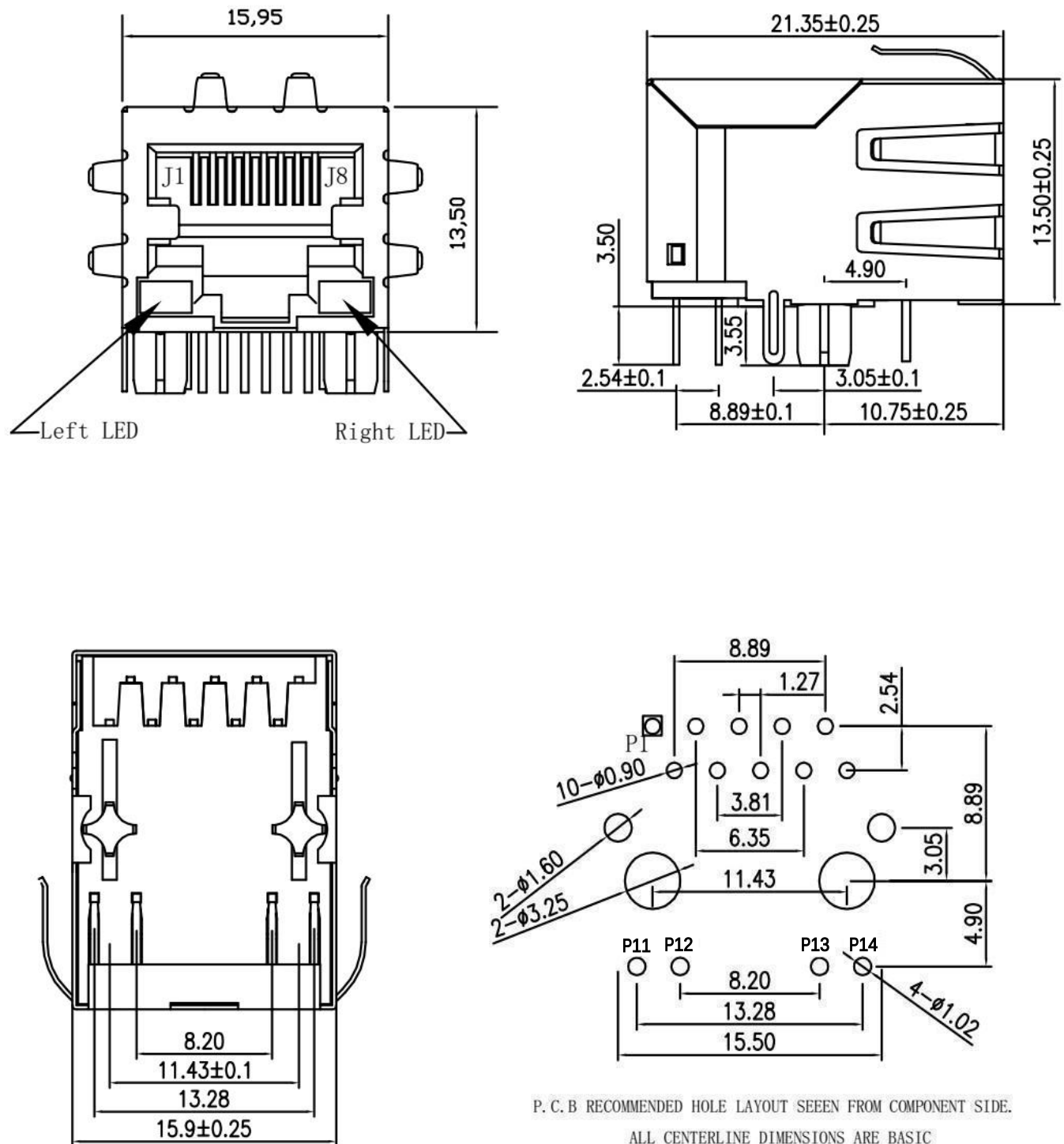
OPERATING TEMPERATURE: 0°C~+70°C

STORAGE TEMPERATURE: -40°C~+85°C

■ ROHS REACH marking

■ CE FCC marking

2. Mechanical Dimensions:



3. Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C							
Part NO	OCL primary@100KHz 0.1Vms 8mA DC	Leakage primary@10KHz 0.1Vms	LED Specification				
			Standard LED	Wavelength	Forward V(Min/Max)	Forward A	Type
GTA14DRJ04	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(Chip side to UTP Side)
		1-30	40	50	60-100	1-60	60-100		
GTA14DRJ04	-1.2	-18	-18	-16	-12	-50	-50	-30	1500V/AC

4.Schematic&LED

