



Medical
electric
equipment



Power
Factor
Correction



World wide



Safety
Approvals



EMI



Inrush
current
limiting



OCP



OVP



Remote
ON/OFF



Parallel
Operation



1U

H-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

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

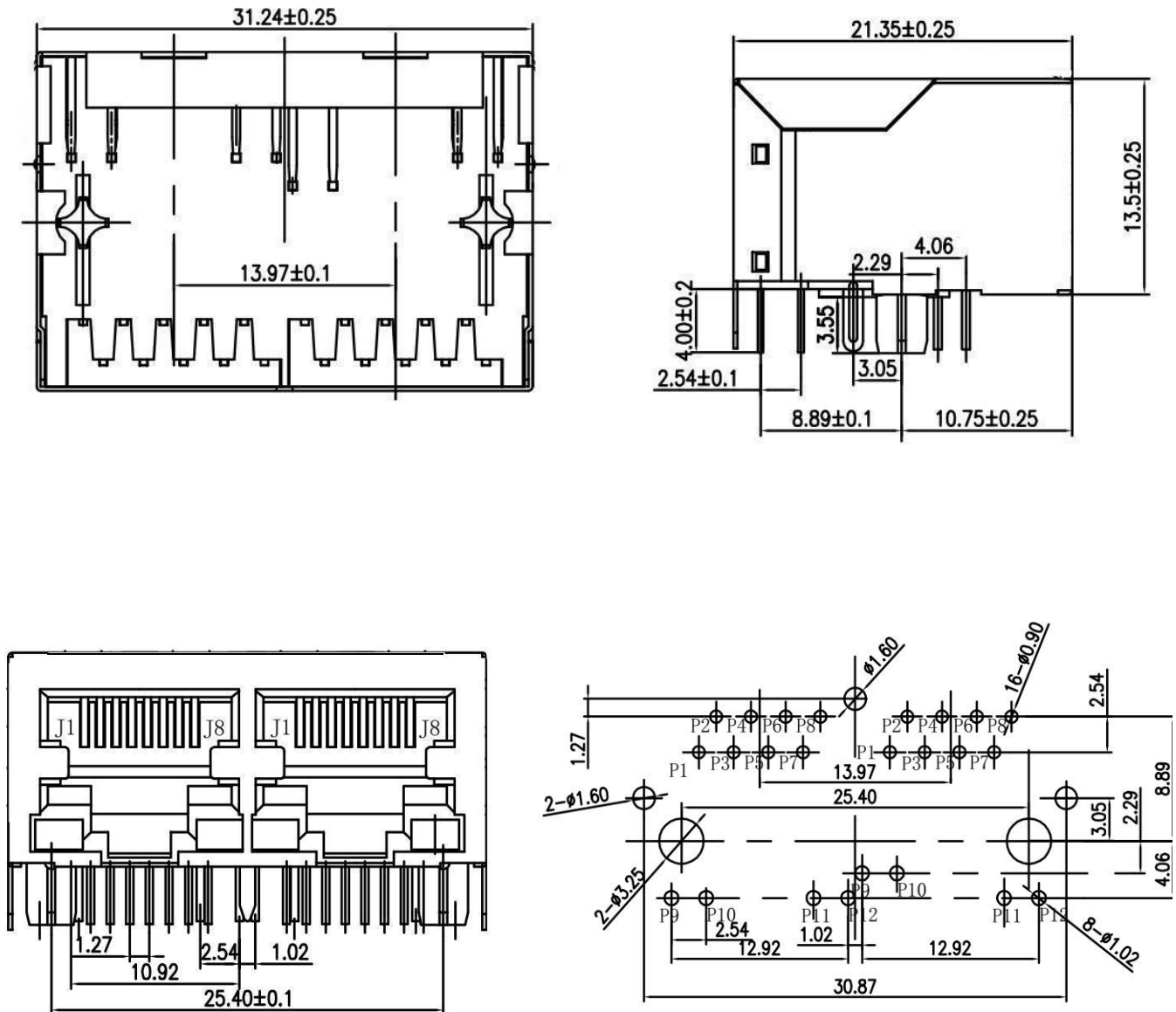
OPERATING TEMPERATURE: 0°C~+70°C

STORAGE TEMPERATURE: -40°C~+85°C

■ ROHS REACH marking

■ CE FCC marking

2. Mechanical Dimensions:



Dimensions in MM

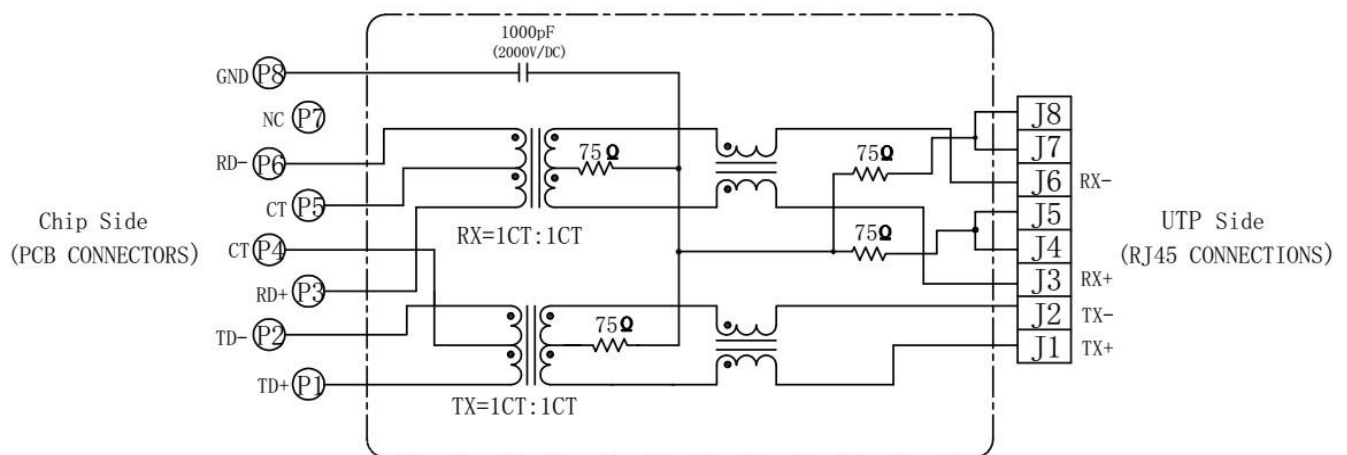
Unless otherwise specified, Tolerance: $XX \pm 0.25$

2 Specifications

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	
HTA12DRJ03	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		
HTA12DRJ03	-1.2	-18	-18	-16	-12	-50	-50	-30	1500

4. Schematic



5. LED

