

Medical
electric
equipmentPower
Factor
CorrectionWorld
wideSafety
Approvals

EMI

Inrush
current
limiting

OCP



OVP

Remote
ON/OFFParallel
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 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

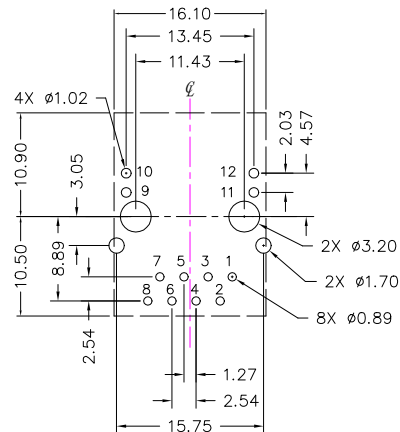
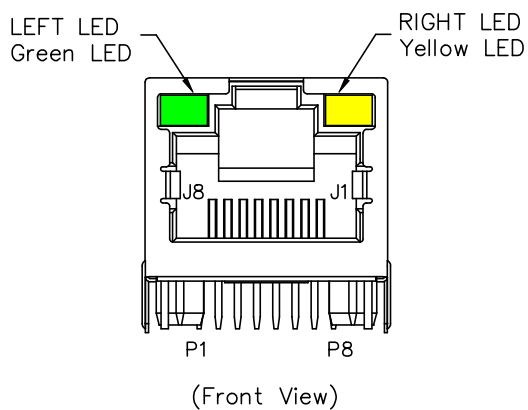
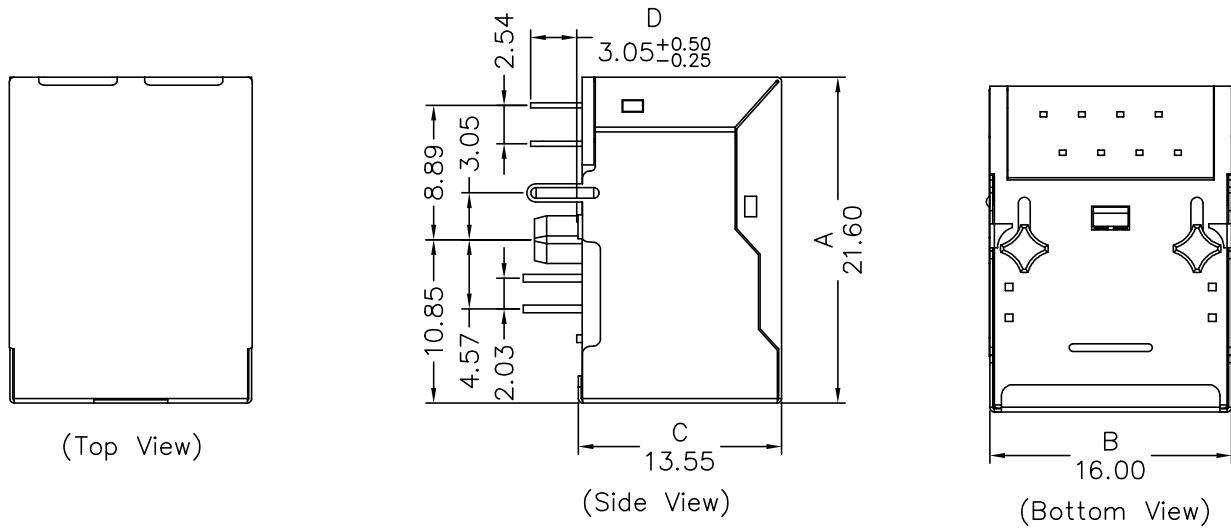
Operating temperature: 0°C~+70°C

Storage temperature: -40°C~+85°C

■ ROHS REACH marking

■ CE FCC marking

2. Mechanical Dimensions:



Recommended PCB layout (Component Side View)
All dimension tolerance are ± 0.08 unless otherwise specified

Dimensions in MM

Unless otherwise specified, Tolerance: ± 0.25

REV:A/1

3. 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	Wavelen gth	Forward V(Min/Max)	Forward A	Type	
HTA12DRJ 02	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		
HTA12DRJ 02	-1.2	-18	-18	-16	-12	-30	-20	-30	2250

4. Schematic & LED

