

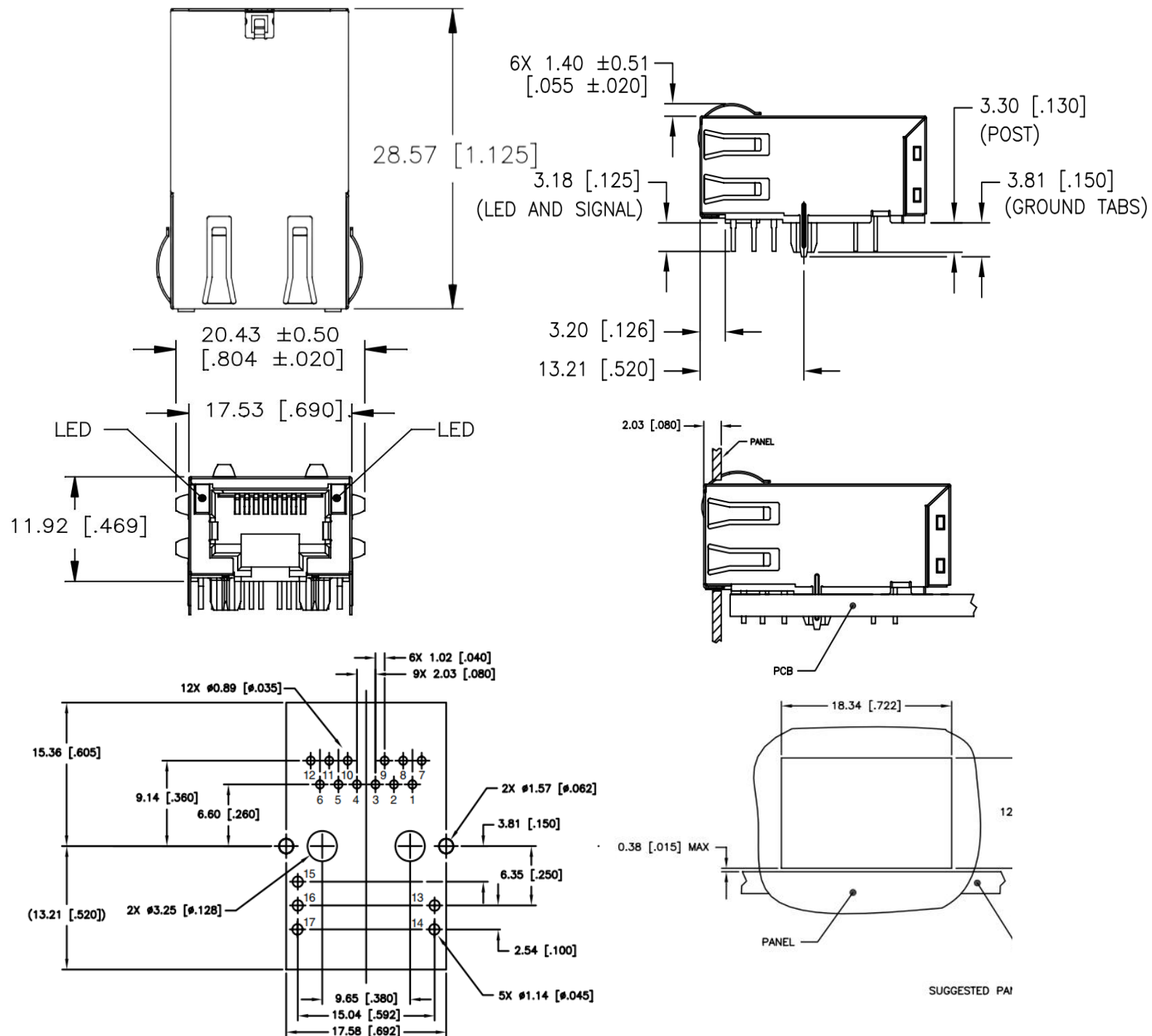
1*1Port RJ45 Connector

HQST-N1159A02B-GY/G0B

Features:

- ROHS Compliant (pb free)
- Meets or exceeds IEEE802.3 standards including 180uH 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

Mechanical Dimensions:



1*1Port RJ45 Connector

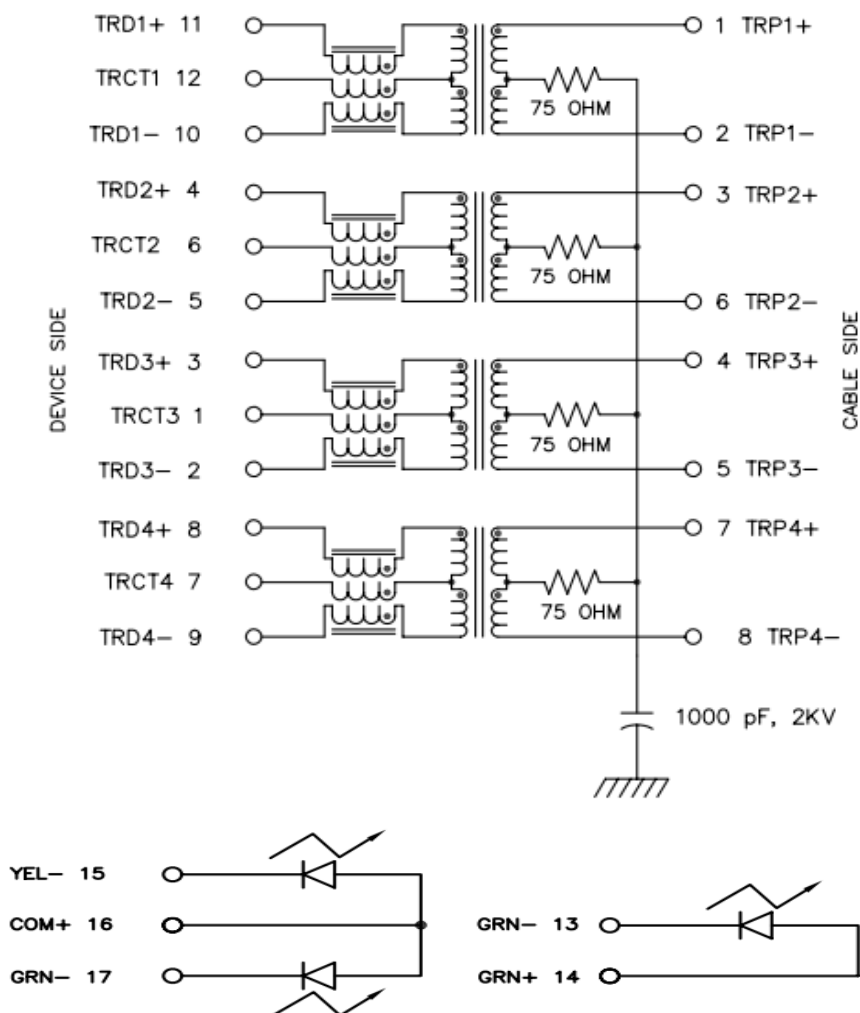
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Electrical Specification@25° C Operating Temperature 0 to +70° C							
Part NO	OCL primary@100KHz 0.1Vms 8mA	Leakage primary@10KHz 0.1Vms	LED Specification				
			Standard LED	Wavelen gth	Forward V(Min/Max)	Forward A	Type
N1159A02B -GY/G0B	180uH Min	0.5uH max	Green	565nm	2.2V	25mA	squareness
			Yellow	585nm	2.1V	30mA	squareness
			AMBER	607nm	2.2V	30mA	squareness

Electrical Specification@25° C Operating Temperature 0 to +70° C										
Part NO	Insertion loss(dB max)		Return Loss(db min)MHz				CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
	100 KHz	1-400 MHz	1-100	200	300	500	1-300	300-500	1-100	
N1159A02B -GY/G0B	-3.0	-2.0	-22.0	-16.5	-13.2	-9	-30	-22	-30	2250

Schematic



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