

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

All dimension tolerance are ± 0.08 unless otherwise specified

1Port RJ45 Connector

HQST-G1159A02A-GYB



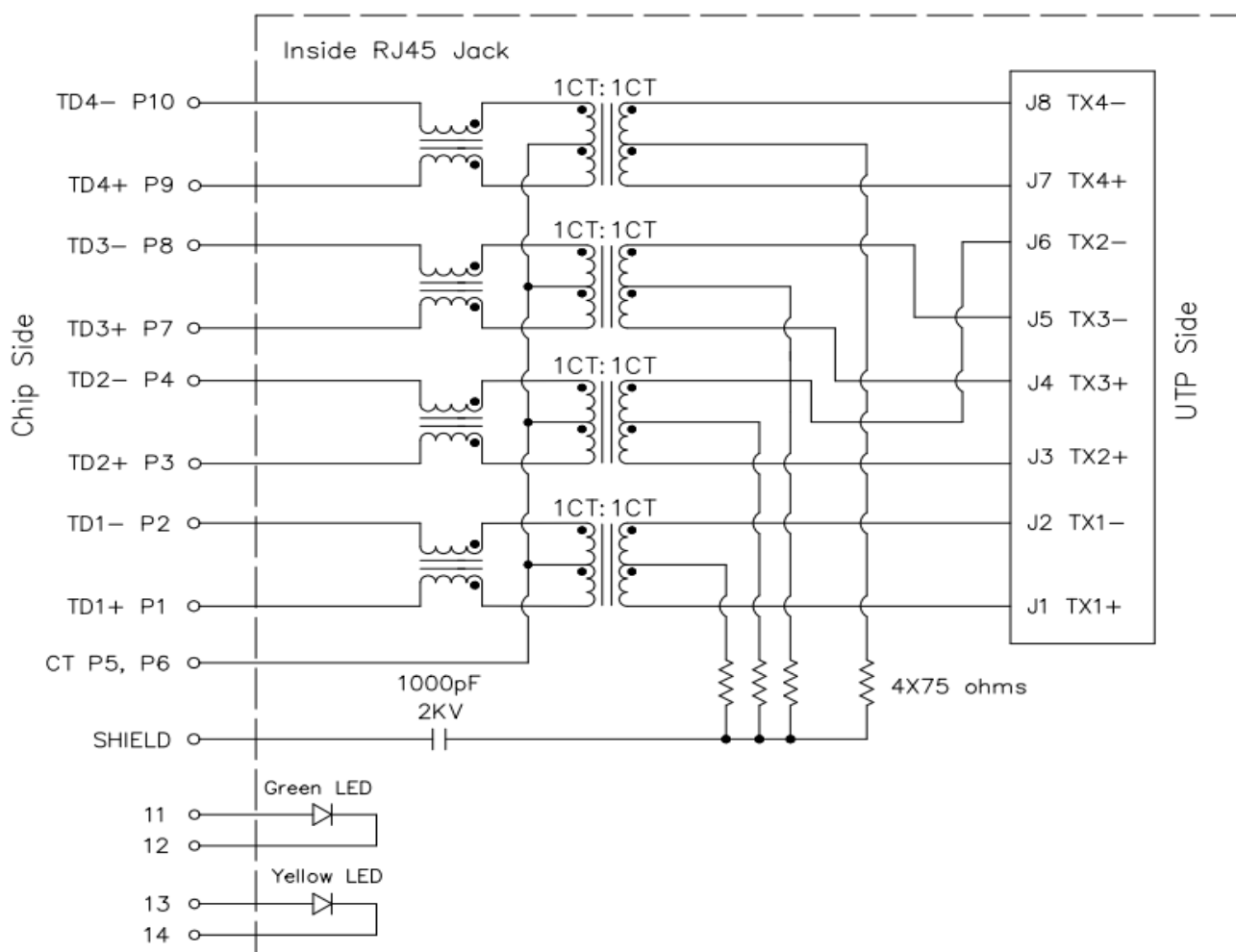
Electrical Specification@25° C Operating Temperature 0 to +70° C

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
G1159A02A -GYB	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		
G1159A02A -GYB	-1.0	-20	-16	-16	-12	-50	-50	-30	2250VDC

Schematic



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