

“RJ45” SERIES

SINGLE RJ45 CONNECTOR MODULE WITH 10/100 BASE-TX MAGNETICS AND LEDS

JJP P/N: J1810-JLU1S402-GYRP

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Feature

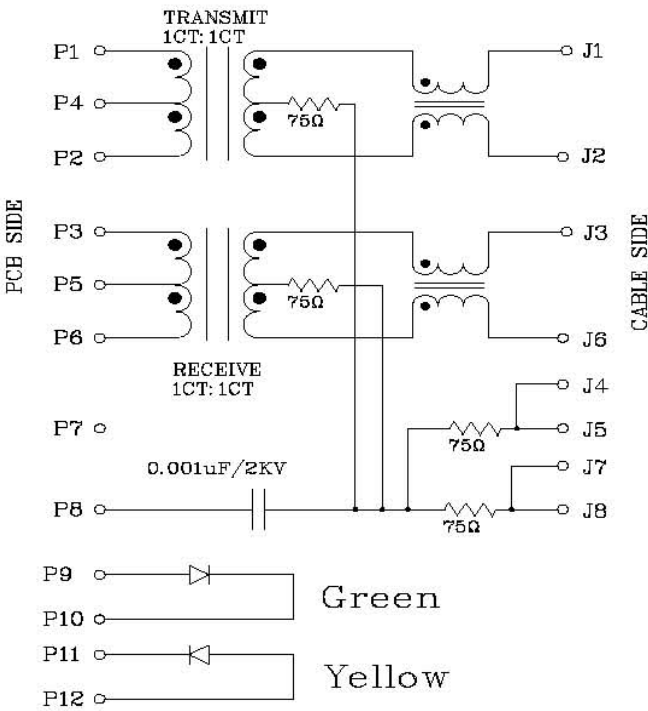
- Complies with requirement of IEEE 802.3u standards.
- RJ45 connector with 10/100 BASE-TX magnetic.
- Design for 10/100 BASE transmission over UTP-5 cable.
- Complies with ROHS requirements.



Electrical Specifications @ 25°C					
Model Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		0.3-100MHz	
J1810-JLU1S402-GYRP	1CT:1CT	1CT:1CT	350	-1.1	1500

Continue									
Model Number	Return Loss (dB Min)			Cross talk (dB Min)			CMR (dB Min)		
	1-30MHz	30-60MHz	60-80MHz	0.3-30MHz	30-60MHz	60-100MHz	1-30MHz	30-60MHz	60-125MHz
J1810-JLU1S402-GYRP	-16	-13	-10	-40	-35	-30	-30	-25	-20

Schematic



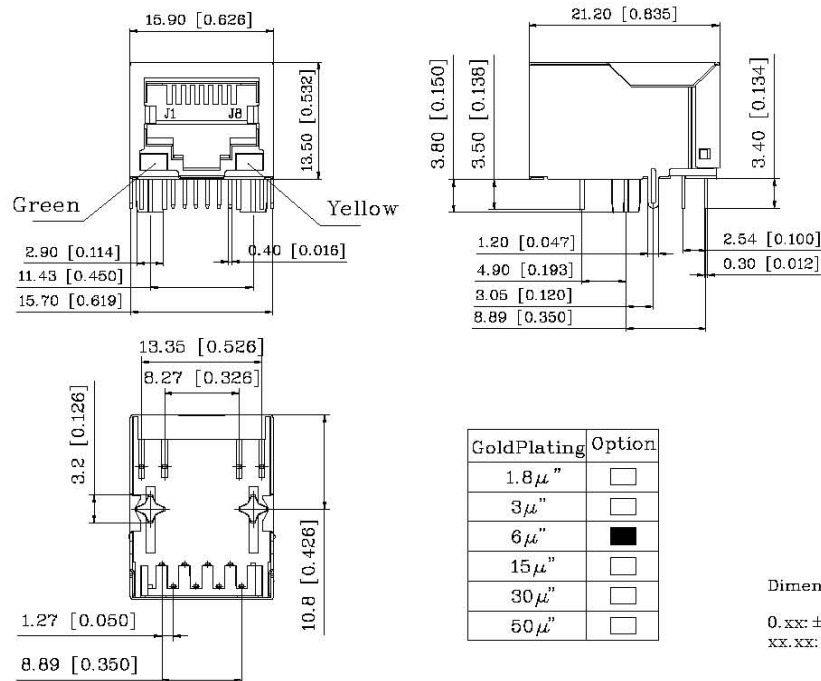
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Mechanical



MATERIALS:

- 1.Housing:Class Filled PA46 UL94V-0(ROHS).
- 2.Insert:Class Filled PA46 UL94V-0(ROHS).
- 3.Contact:0.30mm Phosphor Bronze Plating Over Nickel(ROHS).
- 4.Shielding:0.2mmThickness Copper Alloy With Nickel Plated(ROHS)
- 5.LED1:Green (ROHS) LED2:Yellow(ROHS)

PCB Layout Mounting Hole(Top View)

