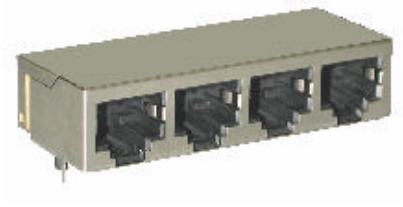
"LAN-MATE" SERIES

1×4 RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS

P/N: LU4S041A LF

Feature

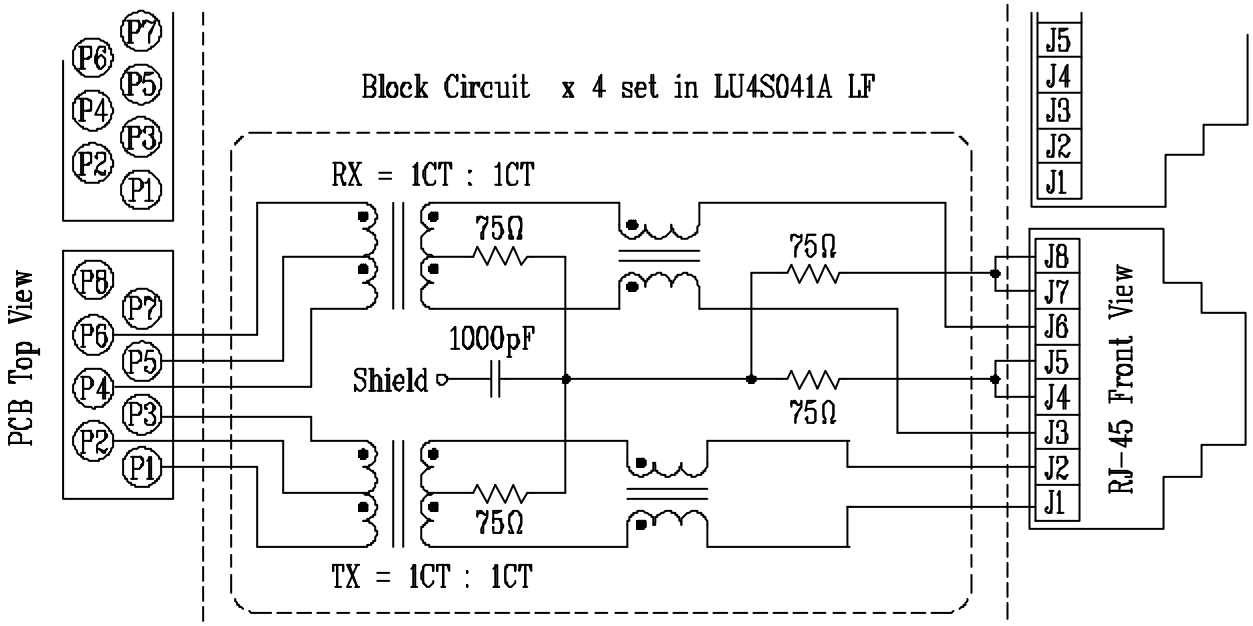


- RJ-45 needs to be matched FCC standard
- Complies with requirement of IEEE802.3u standards.
- RJ 45 connector with 10/100 BASE-TX magnetic.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Operating temperature range: 0℃ to +70℃.
- Storage temperature range: -25℃ to +125℃.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	C_{WW} (pF Max)	L.L (uH Max)	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX				0.3-100MHz	
LU4S041A LF	1CT:1CT	1CT:1CT	350	28	0.4	-1.15	1500

Continue											
Part Number	Return Loss (dB Min)					Cross talk (dB Min)			CMR (dB Min)		
	30MHz	40MHz	50MHz	60MHz	80MHz	0.3-30MHz	30-60MHz	60-100MHz	1-30MHz	30-60MHz	60-125MHz
LU4S041A LF	-16	-14	-13.5	-13	-10	-40	-35	-30	-30	-25	-20

Schematic



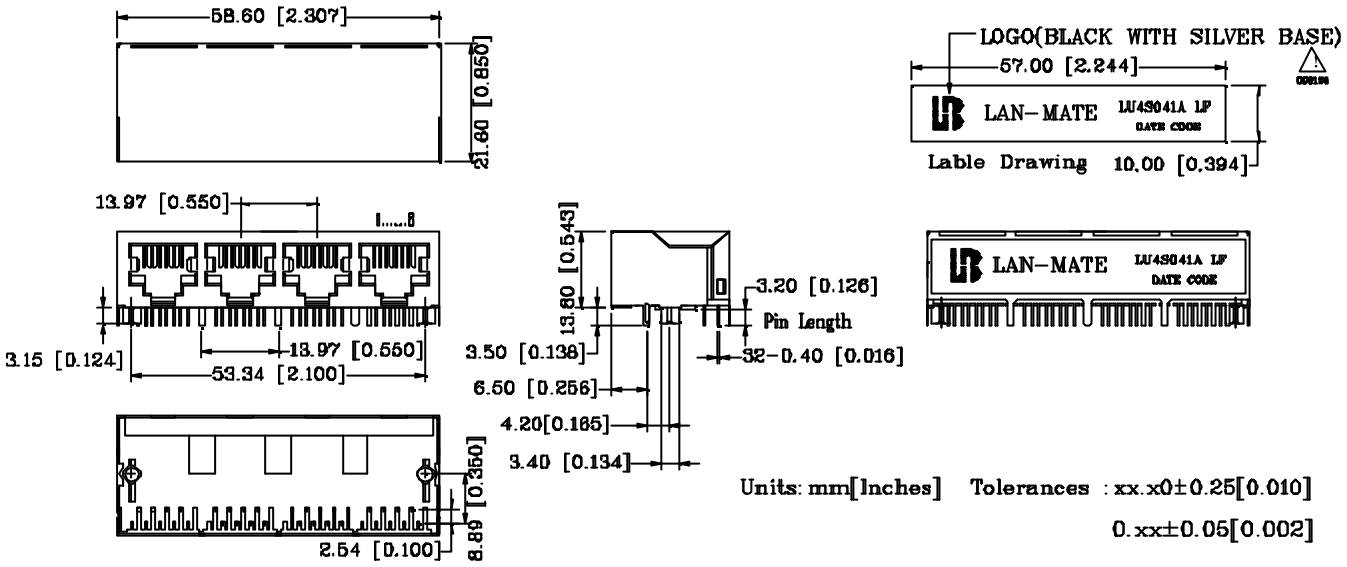
462 Boston St, Topsfield, MA 01983
http://www.bothhandUSA.com email:sales@bothhandusa.com
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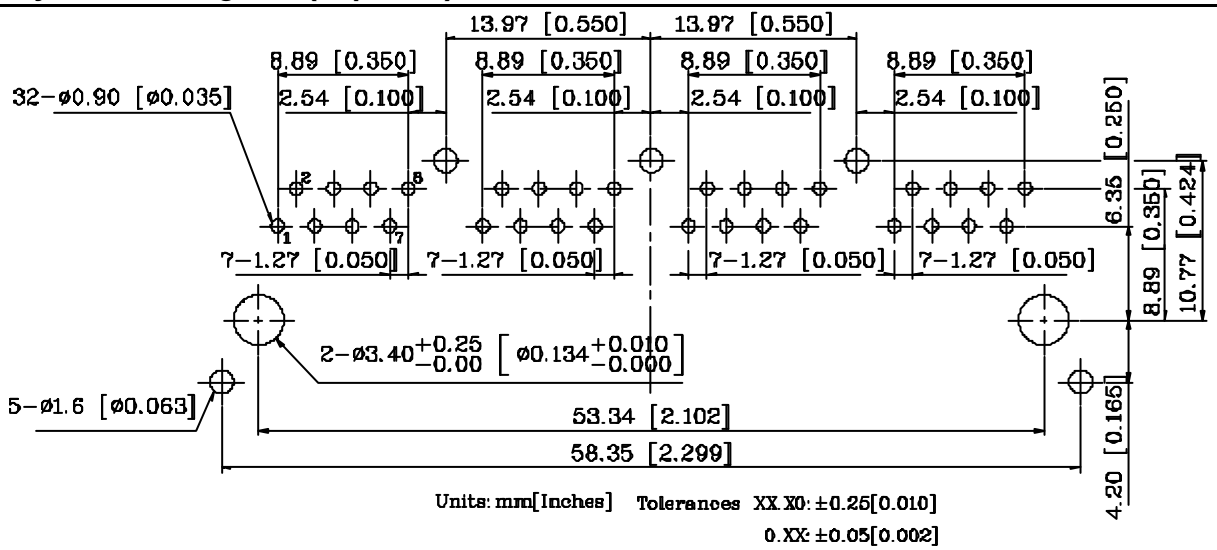
P/N: LU4S041A LF

Mechanical



1. Plastic Material : Thermoplastic (UL 94V-0), Black Housing
2. Metal Shield : Brass, 20u" inches thick Nickel
3. Spring Wire : Phosphor bronze with selective gold plating
4. Solder Pin : 0.4x0.4mm, Phosphor bronze with solder Plated
5. Durability : 750 Mating cycles Min.

PCB Layout Mounting Hole(Top View)



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