LT1S023 LF

"LAN-MATE" SERIES

SINGLE RJ45 CONNECTOR MODULE WITH INTEGRATED 10 BASE-T MAGNETICS
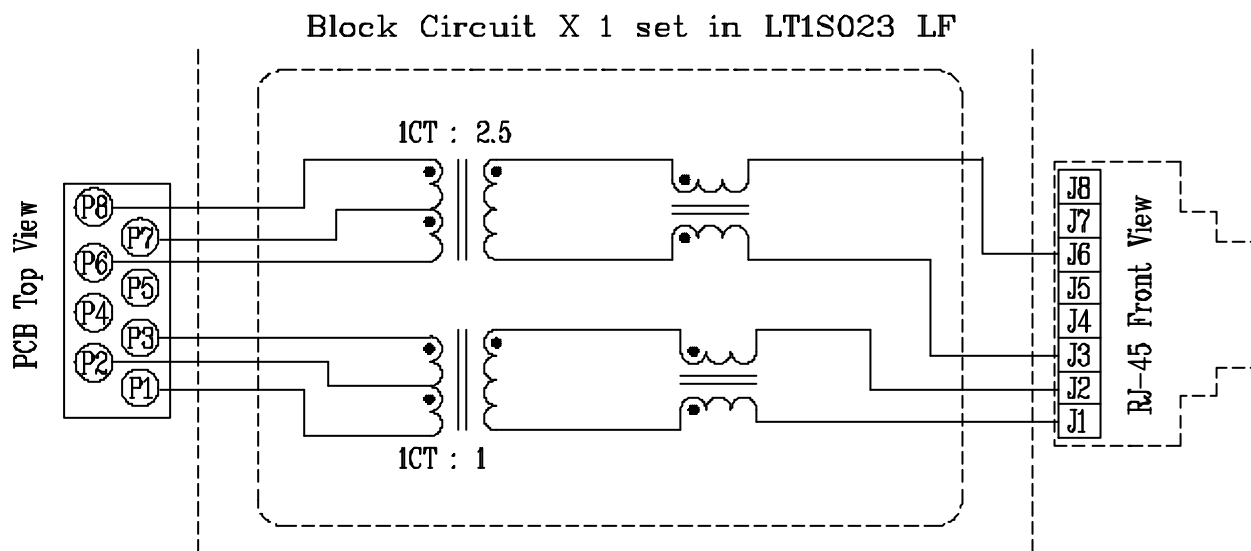
P/N : LT1S023 LF

Feature

- RJ-45 connector integrated with X'FMR.
- Size same as RJ-45 connector to save PCB Board space.
- Reduced EMI radiation to improve EMI performance.
- Complies with IEEE802.3 standards.
- 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	L.L (uH Max)	C_{WW} (pF Max)	HI-POT (Vrms)
	TX	RX				
LT1S023 LF	1CT:2.5	1CT:1	200	0.5	30	1500

Schematic

Block Circuit X 1 set in LT1S023 LF

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Mechanical

Units; mm[Inches] all Tolerances are : ±0.25[0.010]
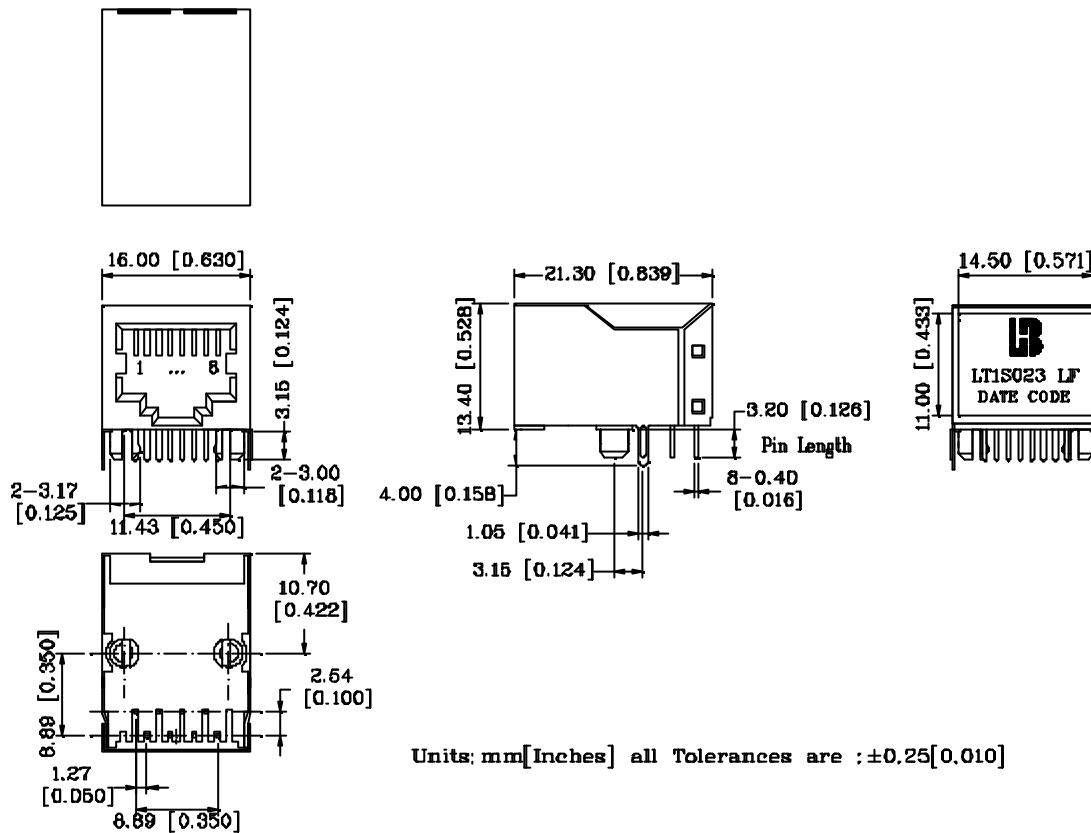
1. Plastic Material	:	Thermoplastic (UL 94V-0), Black Housing
2. Metal Shield	:	Brass, 20u" inches thick Nickel
3. Spring Wire	:	Phosphor bronze with selective gold plating
4. Solder Pin	:	0.4x0.4mm, Phosphor bronze with solder Plated
5. Durability	:	750 Mating cycles Min.

PCB Layout Mounting Hole(Top View)

Units: mm[Inches]
XX.XX : ±0.25[0.010]
0.XX : ±0.05[0.002]