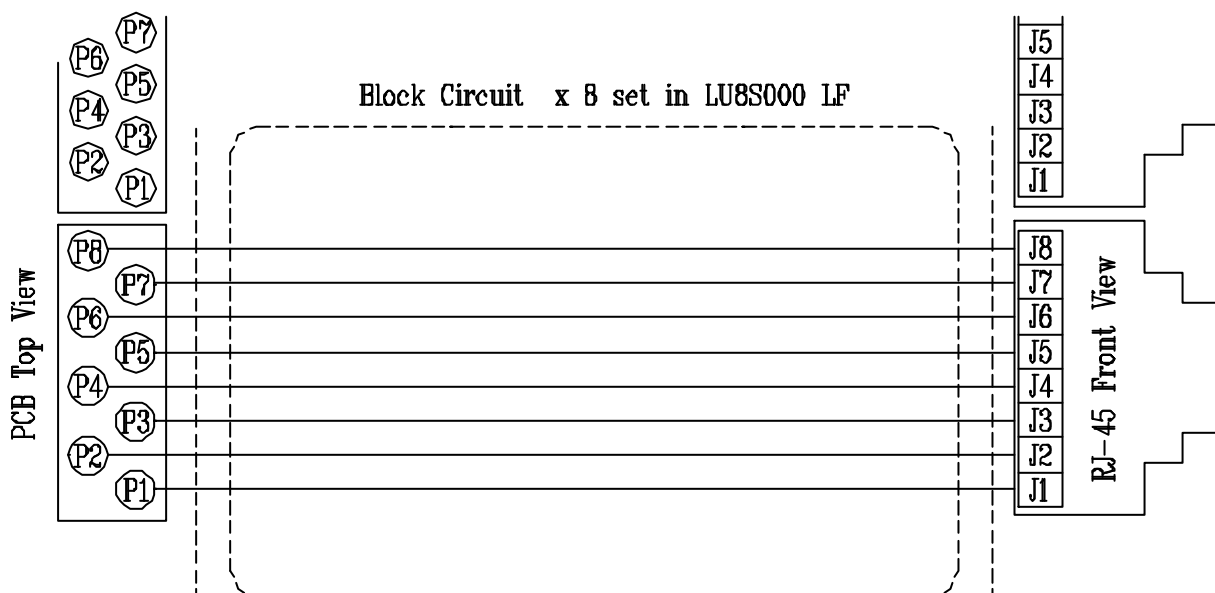


“LAN-MATE” SERIES**1X8 RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS****P/N: LU8S000 LF**

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Feature

- RJ-45 needs to be matched FCC standard
- RJ-45 connector integrated with X'FMR /Impedance resistor/High voltage capacitor.
- Size same as RJ-45 connector to save PCB Board space.
- Reduced EMI radiation to Improve EMI performance.
- Design for 100 BASE transmission over UTP-5 cable.
- 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°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Schematic

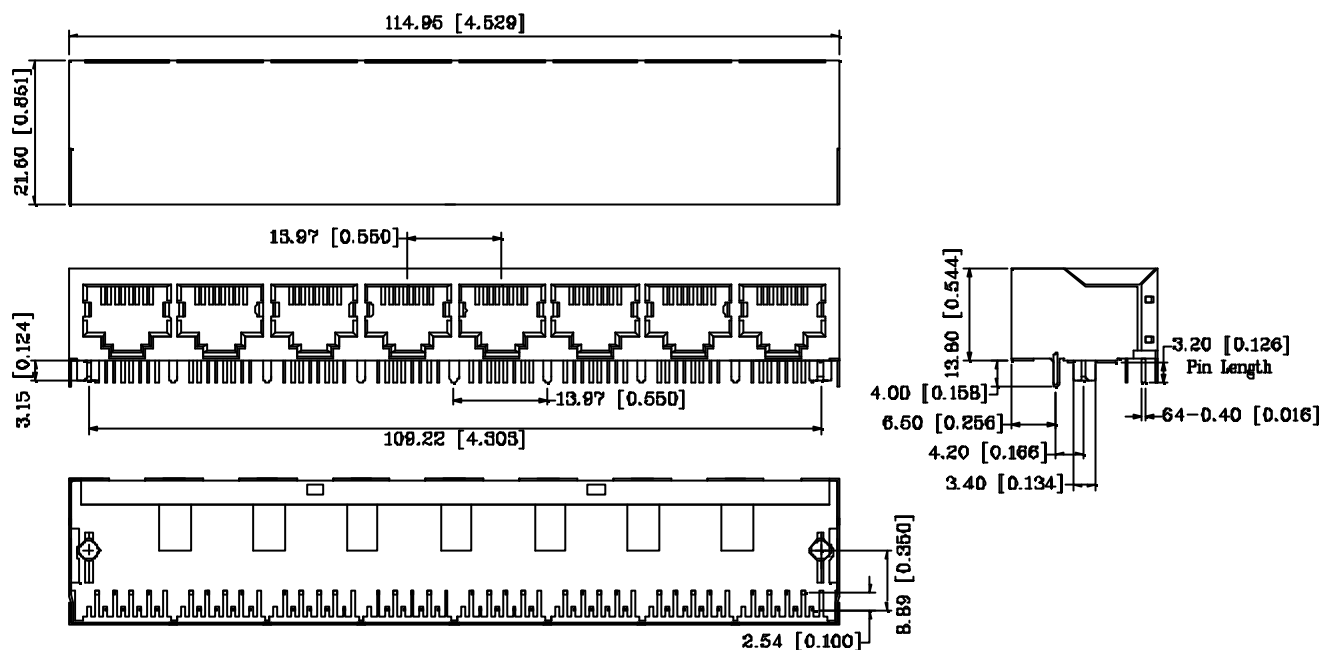
“LAN-MATE” SERIES

1X8 RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS

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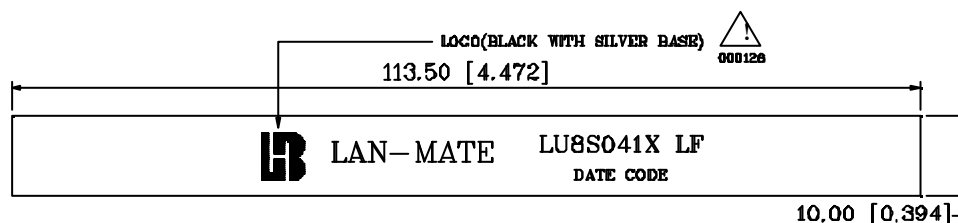
Mechanical



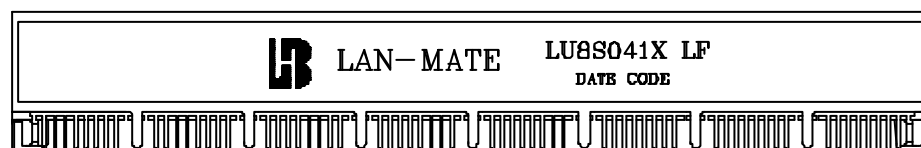
Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]

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.

Label position



Lable Drawing



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]

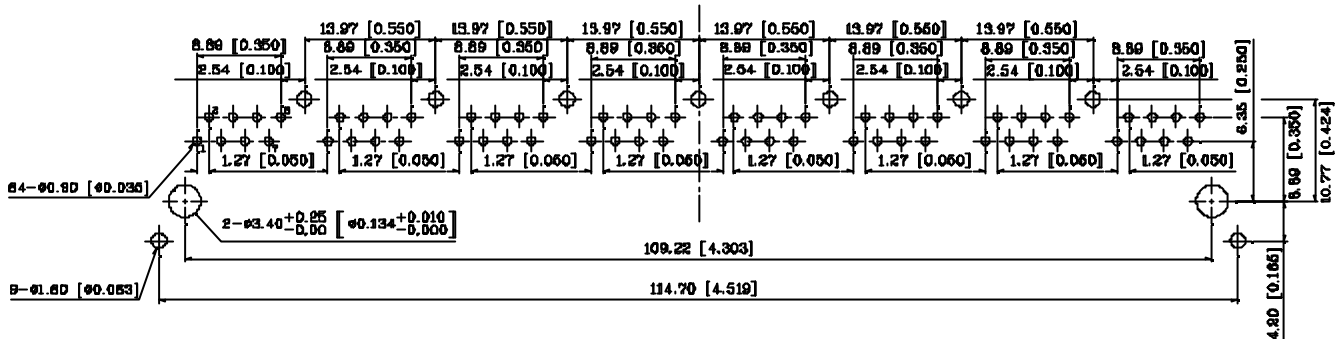
“LAN-MATE” SERIES

1X8 RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS

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PCB Layout Mounting Hole(Top View)



Units: mm[Inches] Tolerance: xx.x0±0.25[0.010]
0.xx±0.05[0.002]