



LA4T110-43

“LAN-MATE” SERIES

1X4 RJ45 CONNECTOR MODULE WITH INTEGRATED 1000 BASE -T MAGNETICS AND LEDS

P/N:LA4T110-43

Page : 1/2

Feature



- Isolation @ 60Hz : Input to output:1500Vrms.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .
- Recommended panel

| Part Number | Standard LED | Forward*V(Max) | (TYP) |
|-------------|--------------|----------------|-------|
| 3 | YELLOW | 2.6V | 2.1V |
| 4 | GREEN | 2.6V | 2.2V |

*with a forward current of 20mA

| Electrical Specifications @ 25°C | | | | | | | |
|----------------------------------|-------------------|---------|---|---------------------|----------|-----------|---------------|
| Part Number | Turns Ratio (±5%) | | OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias | Cross talk (dB Min) | | | HI-POT (Vrms) |
| | TX | RX | | 0.3-30MHz | 30-60MHz | 60-100MHz | |
| LA4T110-43 | 1CT:1CT | 1CT:1CT | 350 | -40 | -35 | -30 | 1500 |

| Continue | | | | | | | | |
|-------------|-------------------------|---------------------------------|---------|----------|----------|--------------|---------|----------|
| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) @ Load 100 | | | | CMR (dB Min) | | |
| | | 1-100MHz | 1-30MHz | 30-40MHz | 40-50MHz | 50-80MHz | 1-30MHz | 30-60MHz |
| LA4T110-43 | -1.0 | -16 | -13.5 | -11.5 | -10 | -30 | -25 | -20 |

Schematic



