

LAN TRANSFORMERS - MTLAN SERIES



Order Code: MTLAN1188NL (10/100 BASE-T Single Port SMD LAN Transformer Module)

Features

- Compact design
- Soldering profile: Reflow
- Perfect module for High Speed applications
- Higher Common mode Impedance
- Operating Temperature : -40 °C to +85 °C

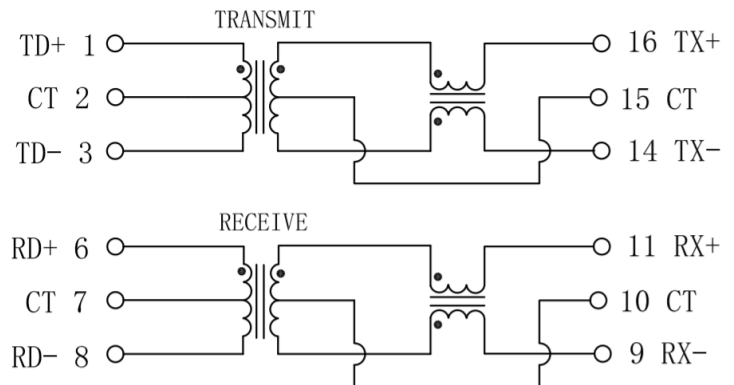
Product Image



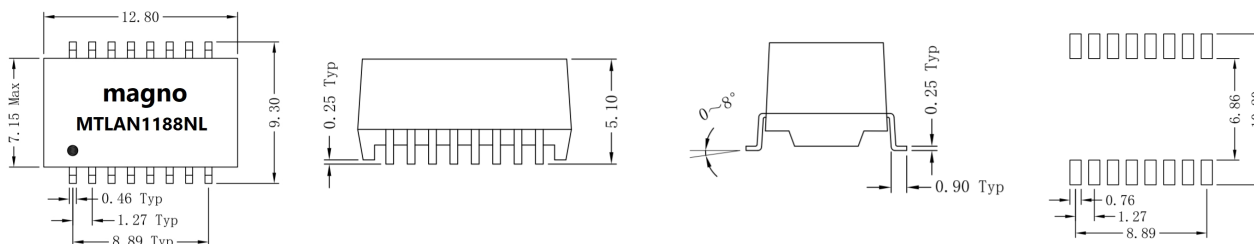
Electrical Characteristics

- Turns Ratio:
Tx = 1CT:1CT
Rx = 1CT:1CT
- Insertion Loss (dB max.)
0.1 ~ 100 MHz: -1.1
- Return Loss (dB min.)
30 MHz: -20
60 MHz: -14
80 MHz: -11.5
- Cross Talk (dB min.)
30 MHz: -45
60 MHz: -40
100 MHz: -35
- DCMR (dB min.)
30 MHz: -42
50 MHz: -37
200 MHz: -33
- OCL: 350 uH min. @100KHz , 0.1 Vrms, 8 mA DC bias
- Hi-Pot: 1500 Vrms
- Operating Temperature: -40 °C ~ +85 °C

Schematic



Dimensions (mm)



NOTE:

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