Features
- IEEE 802.3 Ethernet compatible
- 10/100 Mbps
- Expanded temperature range: -40 to +85 °C
- RoHS compliant*

SM41126EL - 10/100 Base-Tx Chip LAN Transformer Module

Electrical Specifications @ 25 °C
Inductance (@ 100 kHz, 0.1 V, 8 mA) ........................................................................... 350 µH min.
Insertion Loss (TD-MX) ......................................................................................................................
1-100 MHz..................................1.2 dB max.
Return Loss (TD-MX) ..........................................................................................................................
1-30 MHz..................................-18 dB min.
40 MHz....................................-15.5 dB min.
50 MHz....................................-13.5 dB min.
60-80 MHz..................................-10 dB min.
DCMRR (TD to TX) ...........................................................................................................................
1-60 MHz.................................-33 dB min.
60-100 MHz.................................-26 dB min.
Cross Talk (between each channel) ..............................................................................................
1-100 MHz..................................-38 dB min.
Hi-Pot Test.................................., 1500 Vac, 60 s
Operating Temperature: -40 °C to +85 °C
Storage Temperature: -40 °C to +85 °C
Moisture Sensitivity Level................................................. 1
ESD Classification (HBM)......................... N/A

Product Dimensions

Solder Profile

How To Order

Model
SM41126  E  L
Packaging
E = Tape and Reel
Termination
L = Tin finish (RoHS Compliant)

Recommended Layout

Electrical Schematic

Packaging Specifications
Tape & Reel.................. 800 pcs./reel

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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Packaging Specifications

DIMENSIONS: MM (INCHES)

QUANTITY: 800 PCS. PER REEL

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