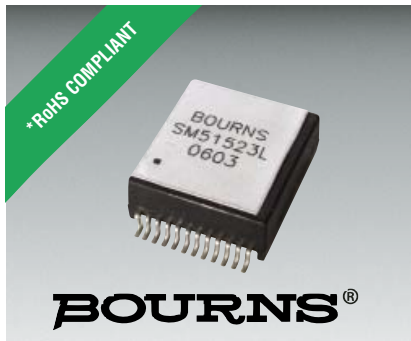




Features

- IEEE802 3af/ANSI X3.263
- RoHS compliant*

Applications

- VoIP
- PoE

SM51523L 10/100 Base Tx VoIP Modules (Power over Ethernet - PoE)

Electrical Specifications

Inductance - Open Circuit.. 350 μ H min.
(100 KHz, 0.1 V with 8 mA DC bias)
DC Resistance Balance..... $\leq 3.5\%$
Turns Ratio TX 1CT : 1; RX 1CT : 1CT
Insertion Loss
..... 1-100 MHz, -1.1 dB max.
Return Loss (@ 100 ohms)
1-30 MHz -16 dB min.
40 MHz..... -14 dB min.
50 MHz..... -13 dB min.
60-80 MHz -12 dB min.
Cross Talk
60 MHz..... -37 dB min.
100 MHz..... -33 dB min.
DCMRR
30 MHz..... -43 dB min.
60 MHz..... -37 dB min.
100 MHz..... -33 dB min.
Isolation 1500 VAC
Operating Temperature
..... -40 °C to +85 °C

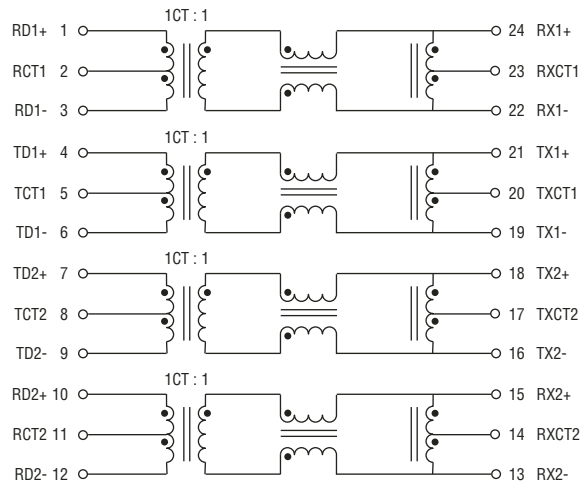
Packaging Specifications

Tape & Reel 400 pcs./reel

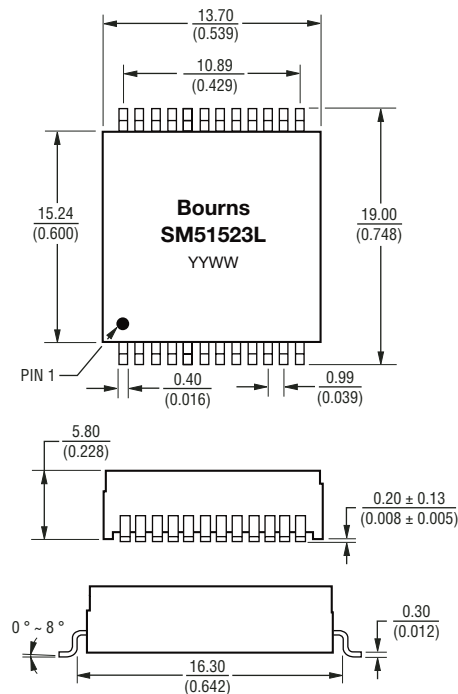
How To Order

Model **SM51523E L**
Termination _____
L = Tin only (lead free)

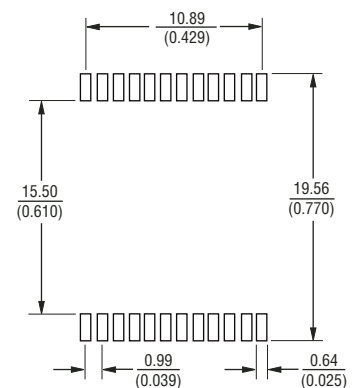
Electrical Schematic



Product Dimensions



Recommended Layout



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$