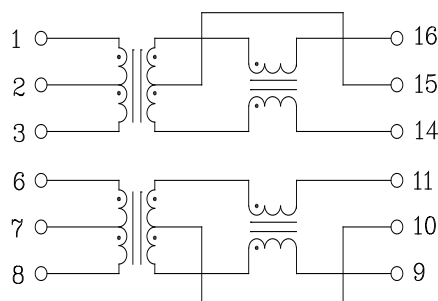
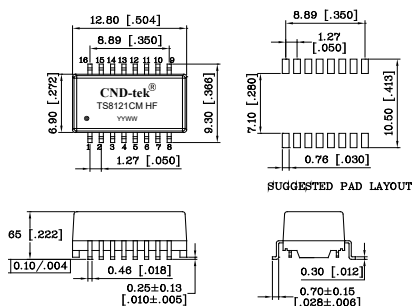


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3at standard including baseline wander compensation specification of 350 μ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Suitable For End-span and Mid-span POE+ Applications 720mA Current Capadility Per POE Port
6. Operating Temperature range: -40 $^{\circ}$ C TO +85 $^{\circ}$ C
7. Storage temperature range: -40 $^{\circ}$ C TO +125 $^{\circ}$ C



DIMENSIONS & SCHEMATICS

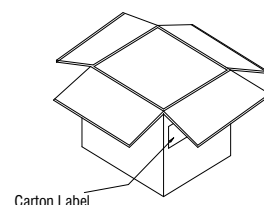
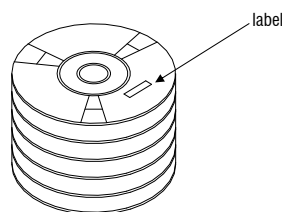
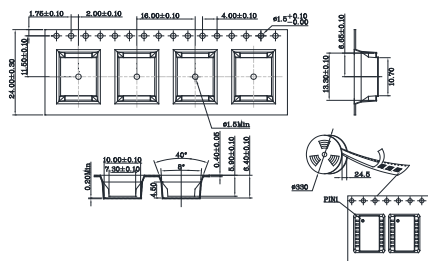


Note: 1. Dimension: mm/inch, 2. Unless otherwise specified, tolerances are: ± 0.25 mm

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV
Leakage	0.5 μ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1CT(TX), 1CT:1CT(RX)
Insertion Loss:	-1.1 dB Max. @ 0.3-100MHz
Return Loss:	-16dB Min. @ 2-30MHz -(16-20log10(f/30)) dB Min. @ 30-60 MHz
Cross Talk:	-10 dB Min. @ 60-80 MHz -42 dB Min. @ 1-60 MHz -35 dB Min. @ 60-100 MHz
Common Mode Rejection :	-42 dB Min. @ 2-30 MHz -35 dB Min. @ 60 MHz -30 dB Min. @ 80-100 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:600PCS
2. reel/carton:5PCS
3. units/carton :3000PCS

EXPORT CARTON:367(L)x337(W)x235(H)