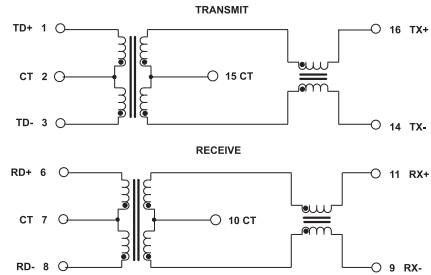
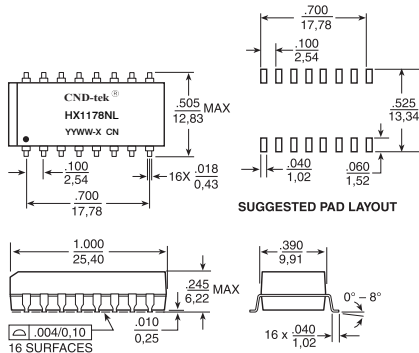


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3ab standard including baseline wander compensation specification of 350 μ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Operating Temperature range: -0 $^{\circ}$ C TO +70 $^{\circ}$ C
6. Storage temperature range: -25 $^{\circ}$ C TO +125 $^{\circ}$ C



DIMENSIONS & SCHEMATICS

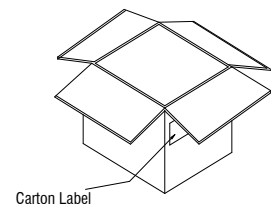
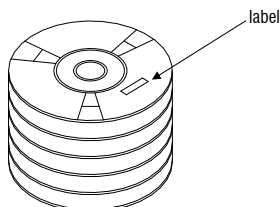
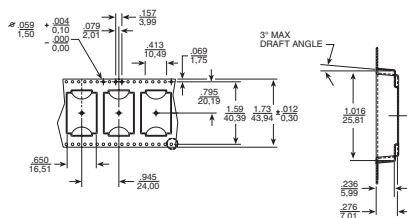


Note: 1、 Dimension: inches/mm 2. Unless otherwise specified, tolerances are: $\pm 0.15\text{mm}$

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage	0.5 μ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max.
Turns Ratio($\pm 2\%$):	1CT:1CT
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.5 dB Max. @ 0.1-100MHz
Return Loss:	-18dB Min.@ 1-30 MHz -13.5dB Min@ 40 MHz -11.5dB Min@ 50 MHz -10dB Min.@ 60-80 MHz
Cross Talk:	-50dB Min. @ 30MHz -40dB Min@ 60 -100MHz
Common Mode Rejection :	-42dB Min.@ 30MHz -37dB Min@ 60 MHz -33dB Min@ 100 MHz
Isolation HI-POT:	1500Vrms

PACKING SPECIFICATION



Tube 20/tube
Tape & Reel 300/reel

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