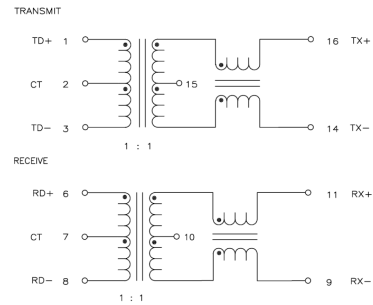
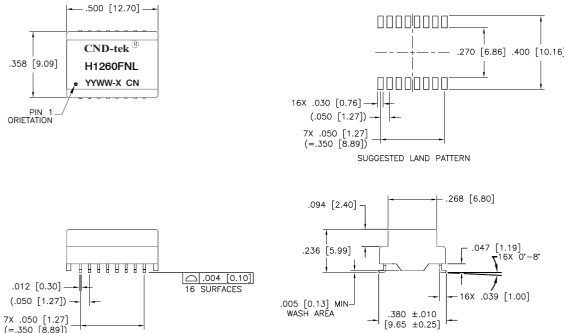


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3ab standard including baseline wander compensation specification of 350 μ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Operating Temperature range: -40 $^{\circ}$ C TO +85 $^{\circ}$ C
6. Storage temperature range: -50 $^{\circ}$ C TO +125 $^{\circ}$ C



DIMENSIONS & SCHEMATICS

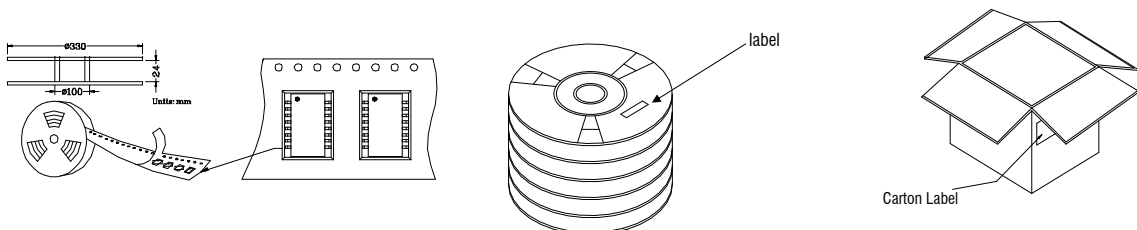


Note: 1. Dimension: inches/mm 2. Unless otherwise specified, tolerances are: ± 0.15 mm

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:	-1.2 dB Max. @ 0.1MHz
Return Loss:	-0.2-0.002*f ^{1.4} dB Max@ 1-125MHz -16dB Min.@ 1-30 MHz -10+20*log ₁₀ (f/60)dB Min@ 30-60 MHz -10dB Min.@ 60-80 MHz
Cross Talk:	-50dB Min. @ 1MHz -55+22*log ₁₀ (f/10)dB Min@ 10-100 MHz
Common Mode Rejection :	-50 dB Min.@ 2MHz -15+20*log ₁₀ (f/200)dB Min@ 30-200 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second

PACKING SPECIFICATION



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

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