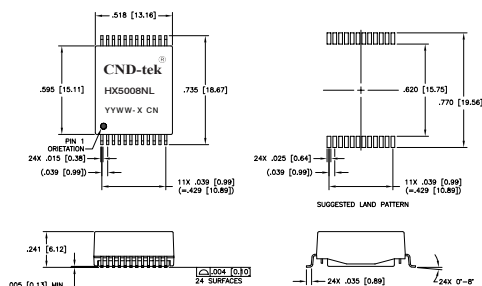


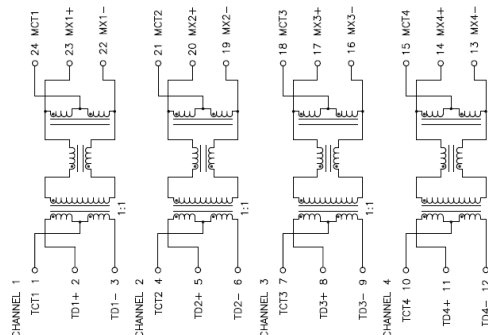
1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T Designed to support 1:1 Turns Ratio Transceivers.
5. Operating Temperature range: -40℃ TO +85℃
6. Storage temperature range: -50℃ TO +125℃



DIMENSIONS & SCHEMATICS



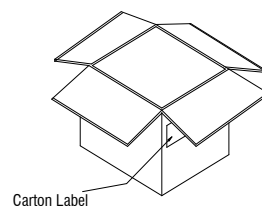
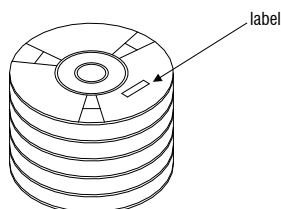
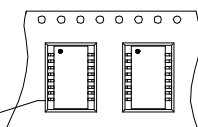
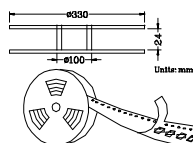
Note: 1. Dimension: Inhes/mm
2. Unless otherwise specified, tolerances are: $\pm 0.15\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	325 μH Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage	0.5 μH Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max.
Turns Ratio($\pm 2\%$):	1CT:1CT
Insertion Loss:	-1.2 dB Max. @ 0.1MHz -1.0 dB Max. @ 1-100MHz -3.0 dB Max. @ 125MHz
Return Loss:	-16 dB Min. @ 1-40MHz -10+20*log(f/80)dB Min. @ 40-100MHz
Cross Talk:	-50dB Min.@ 1MHz -55+24*log(f/10)dB Min. @ 30-100 MHz
Common Mode Rejection :	-50dB Min.@ 2 MHz -43+22*log(f/30)dB Min.@ 30-100 MHz
Isolation HI-POT:	1500Vrms

PACKING SPECIFICATION



1. units/reel:350PCS
2. reel/carton:5PCS
3. units/carton :1750PCS

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