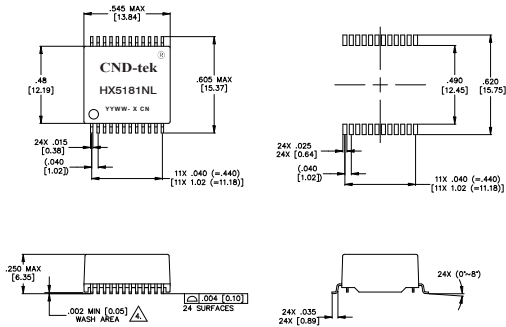


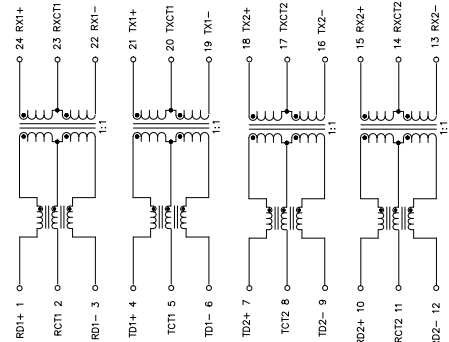
1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T Designed to support 1:1 Turns Ratio Transceivers.
5. Operating Temperature range: -40°C T_0 $+85^{\circ}\text{C}$
6. Storage temperature range: -40°C T_0 $+125^{\circ}\text{C}$



DIMENSIONS & SCHEMATICS



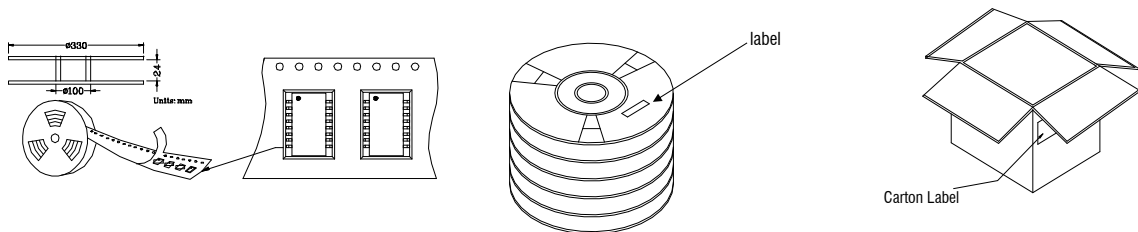
Note: 1. Dimension: Inches/mm
2. Unless otherwise specified, tolerances are: $\pm 0.25\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	0.5 μH Max. @ 100KHz, 0.1V
Inductance: Cw/w:	25pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max.
Turns Ratio($\pm 2\%$):	1CT:1CT
Insertion Loss:	-1.2 dB Max. @ 0.1MHz -0.2-0.002*f ^{-1.4} dB Max@ 1-125MHz
Return Loss:	-16 dB Min.@ 1-40 MHz -10+20*log ₁₀ (f/80)dB Min@ 40-100 MHz
Cross Talk:	-50dB Min. @ 1MHz -55+22*log ₁₀ (f/10)dB Min@ 10-100 MHz
Common Mode Rejection :	-50dB Min.@ 2MHz -43+22*log ₁₀ (f/30)dB Min@ 30-200 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second

PACKING SPECIFICATION



1. units/reel:500PCS
2. reel/carton:5PCS
3. units/carton :2500PCS

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