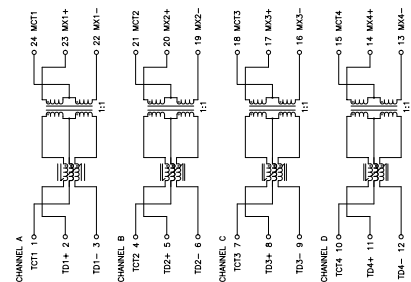
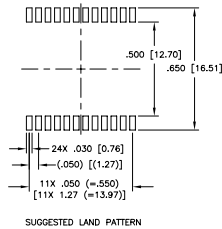
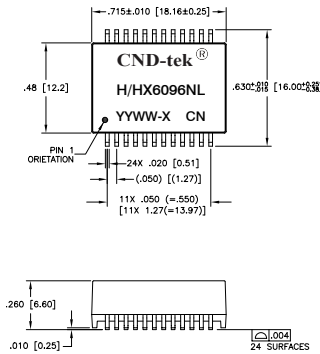


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3af standard for 1000 Base-T designed to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-span and Mid-span POE+ Applications 720mA Current Capability Per POE Port
6. Operating Temperature range: -40 °C TO +85 °C
7. Storage temperature range: -50 °C TO +125 °C



DIMENSIONS & SCHEMATICS

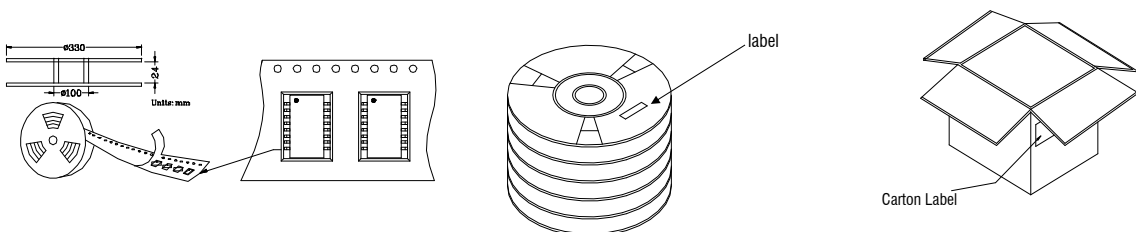


Note: 1. Dimension: inches/mm, 2. Unless otherwise specified, tolerances are: 0.15mm

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV with 24mA DC Bias
Leakage	0.25 μ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	25pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max.
Turns Ratio($\pm 2\%$):	1CT:1CT
Polarity:	2-23, 5-20, 8-17, 11-14 In-Phase
Insertion Loss:	-1.2 dB Max. @ 0.1MHz
Return Loss:	-0.2-0.002*f ^{1.4} dB Max@ 1-125MHz
	-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 :	-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:400PCS
2. reel/carton:5PCS
3. units/carton :2000PCS

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