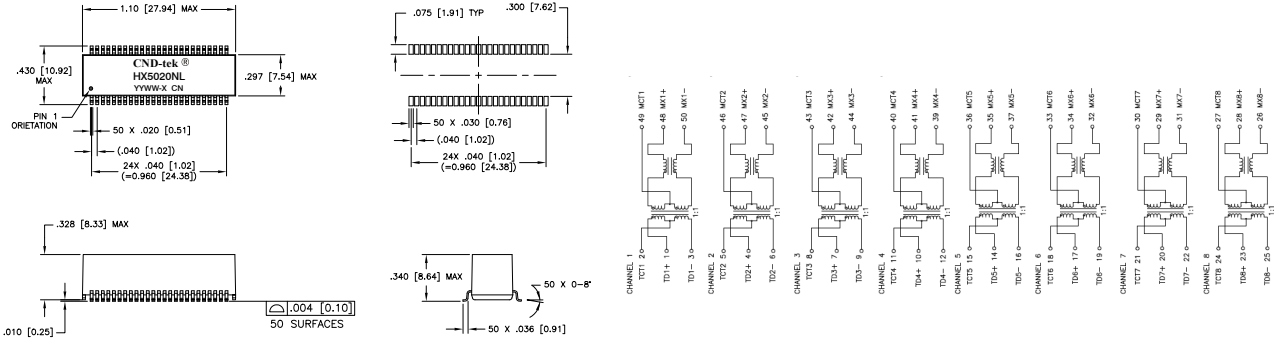


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3ab standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Operating Temperature range: -40°C TO +85°C
6. Storage temperature range: -50°C TO +125°C



DIMENSIONS & SCHEMATICS

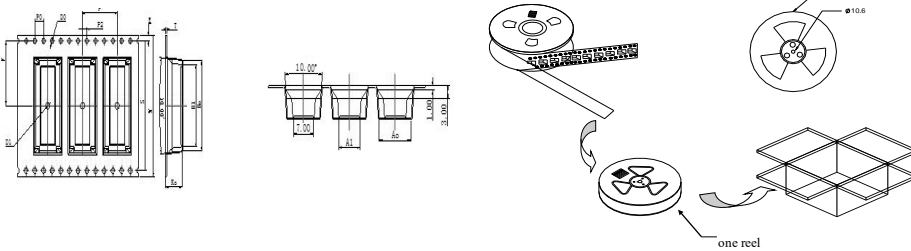


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ± 0.15mm

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHZ, 100mV with 8mA DC Bias
Leakage	0.5 μ H Max. @ 100KHZ, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHZ, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-48, 4-45, 7-42, 10-39, 14-37, 17-34, 20-31, 23-28 In-Phase
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 :	-50 dB Min.@ 2MHz -15+20*log ₁₀ (f/200)dB Min@ 30-200 MHz
Isolation HI-POT:	1500Vms 1mA 60Second

PACKING SPECIFICATION



1. units/reel:450PCS
2 reel/carton:SPCS
3.units/carton :2250PCS