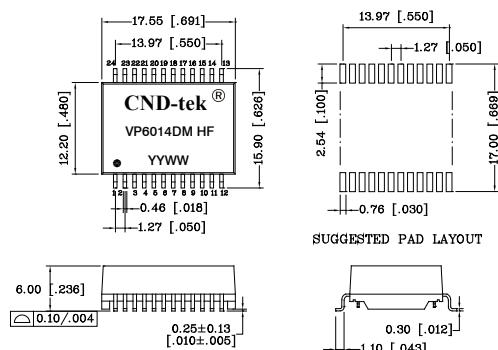


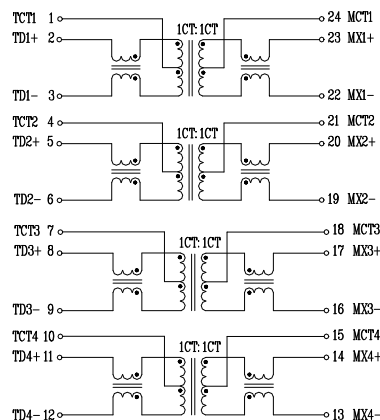
- 1.Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
- 2.Supports four pairs of category 5 UTP cable.
- 3.Cable interface for isolation and low common mode emissions
- 4.Compliant with IEEE 802.3ab standard for 1000 Base-TDesigned to support 1:1 Turns Ratio Transceivers.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



DIMENSIONS & SCHEMATICS



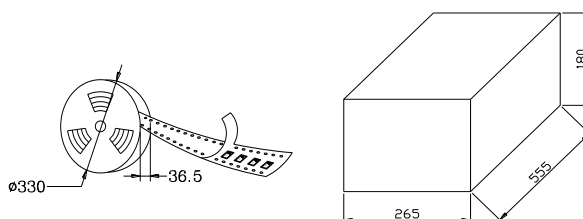
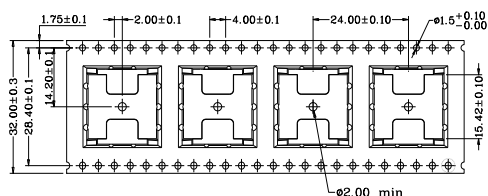
Note: 1、Dimension: mm/inch, 2.Unless otherwise specified,tolerances are: $\pm 0.25\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min @ 100 KHz, 0.1V with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max @ 100KHz, 0.1V
Cw/w:	28pF Max @ 100KHz, 0.1V
DCR:	1.00 Ω Max
Turns Ratio($\pm$ 5%):	1CT:1(TX), 1CT:1(RX)
Insertion Loss:	-1.0 dB Max @ 1-100 MHz
Return Loss:	-18dB Min @1-30MHz -14.4 dB Min @ 40MHz -13.1dB Min @ 50MHz -12.0dB Min @ 60-80MHz -10.0dB Min @ 100MHz
Cross Talk:	-45 dB Min @30MHz -40 dB Min @ 60MHz -35 dB Min @ 100MHz
Common Mode Rejection :	-43 dB Min @30MHz -37dB Min @ 60MHz -33 dB Min @ 100MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:420PCS
2. reel/carton:5PCS
3. units/carton :2100PCS