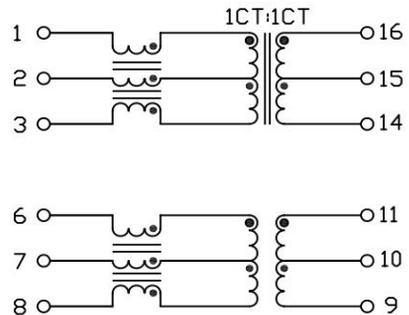
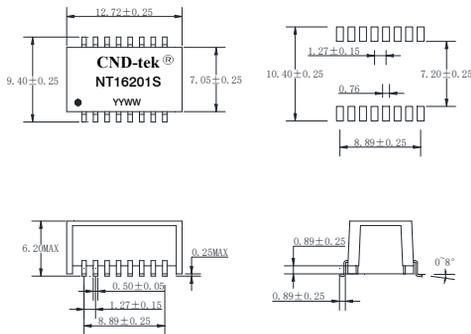


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3u standard including baseline wander compensation specification of 350 $\mu$ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Operating Temperature range: 0 C TO +70 C
6. Storage temperature range: -25 C TO +125 C



## DIMENSIONS & SCHEMATICS

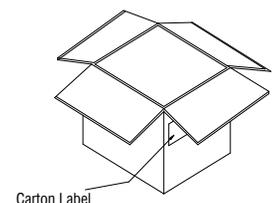
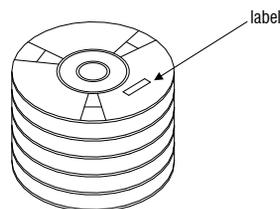
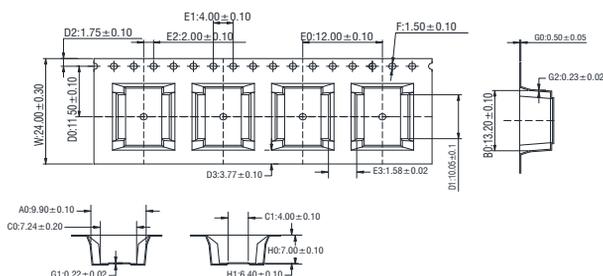


**Note:** 1. Dimension: mm, 2. Unless otherwise specified, tolerances are:  $\pm 0.15$ mm

## TECHNICAL SPECIFICATIONS

OCL :	350 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	0.5 $\mu$ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.40 $\Omega$ Max.
Turns Ratio( $\pm 5\%$ ):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.0 dB Max. @ 1-100MHz
Return Loss:	-18dB Min. @30MHz -16.5 dB Min. @ 40MHz -14.5 dB Min. @ 50 MHz -12.0dB Min. @ 60-80 MHz
Cross Talk:	-40 dB Min. @ 1-60 MHz -38 dB Min. @ 60-100 MHz
Common Mode Rejection :	-30 dB Min. @ 1-100 MHz
Isolation HI-POT:	1500Vms 1mA 2Second

## PACKING SPECIFICATION



1. units/reel:600PCS
2. reel/carton:7PCS
3. units/carton :4200PCS

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