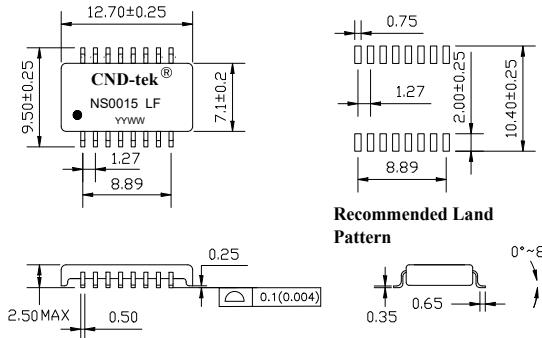
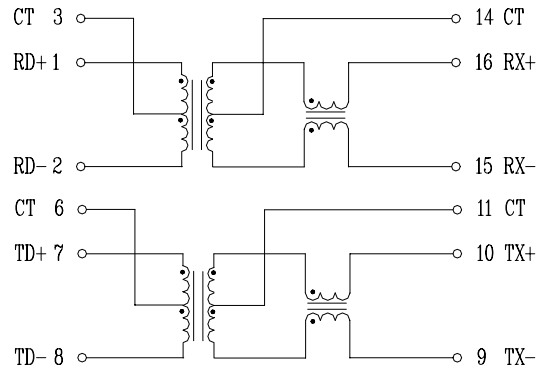


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3u standard including baseline wander compensation specification of 350 $\mu$ H OCL
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel 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

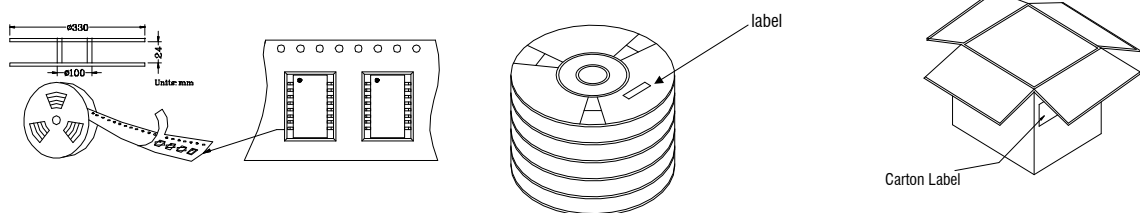


**Note:** 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ±0.25mm

### TECHNICAL SPECIFICATIONS

|                         |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| OCL :                   | 350 $\mu$ H Min. @ 100 KHz, 100mV                                                                      |
| Leakage                 | 0.4 $\mu$ H Max. @ 100KHz, 0.1V                                                                        |
| Inductance: Cw/w:       | 15pF Max. @ 100KHz, 0.1V                                                                               |
| DCR:                    | 1.20 $\Omega$ Max.                                                                                     |
| Turns Ratio(±5%):       | 1CT:1CT(TX), 1CT:1CT(RX)                                                                               |
| Polarity:               | 1-16, 6-11 In-Phase                                                                                    |
| Insertion Loss:         | -1.1 dB Max. @ 0.3-100MHz                                                                              |
| Return Loss:            | -18 dB Min. @ 0.3-30MHz<br>-15.5 dB Min. @ 40 MHz<br>-13.5 dB Min. @ 50 MHz<br>-10 dB Min. @ 60-80 MHz |
| Cross Talk:             | -38 dB Min. @ 0.3-100 MHz                                                                              |
| Common Mode Rejection : | -30 dB Min. @ 0.3-100 MHz                                                                              |
| Isolation HI-POT:       | 1500Vrms 1mA 1Second                                                                                   |

### PACKING SPECIFICATION



1. units/reel:2000PCS
2. reel/carton:5PCS
3. units/carton :10000PCS

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