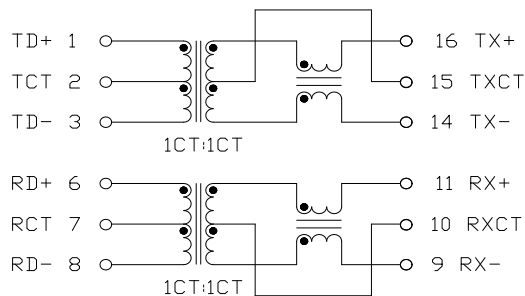
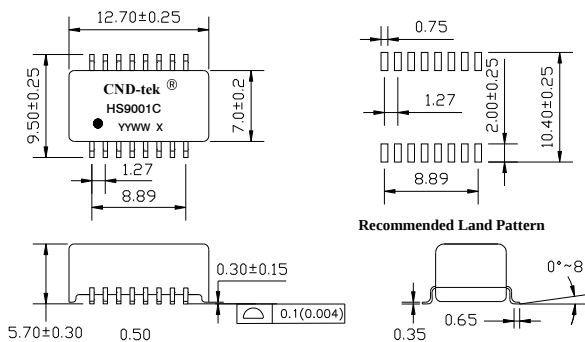


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3at standard including baseline wander compensation specification of $350\mu\text{H}$ OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Suitable For End-span and Mid-span POE+ Applications 720mA Current Capability Per POE Port
6. Operating Temperature range: -40°C TO $+85^{\circ}\text{C}$
7. Storage temperature range: -40°C TO $+125^{\circ}\text{C}$



DIMENSIONS & SCHEMATICS

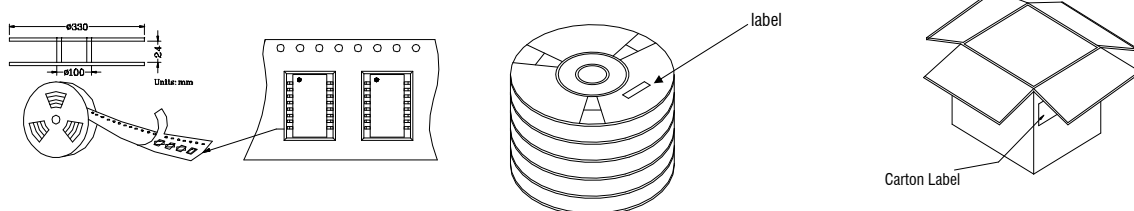


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ± 0.15 mm

TECHNICAL SPECIFICATIONS

OCL :	$350\mu\text{H}$ Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	$0.5\mu\text{H}$ Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.20Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.1 dB Max. @ 0.5-100MHz
Return Loss:	-18dB Min. @ 1-30MHz -18 + $20 \cdot \log(f/30)$ dB Min. @ 30.1-60 MHz -12 dB Min. @ 60.1-80 MHz
Cross Talk:	-35 dB Min. @ 0.5-40 MHz -33 + $20 \cdot \log(f/50)$ dB Min. @ 40.1-100 MHz
Common Mode Rejection :	-30 dB Min. @ 0.5-100 MHz
Isolation HI-POT:	1500Vrms 1mA 6Second

PACKING SPECIFICATION



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

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