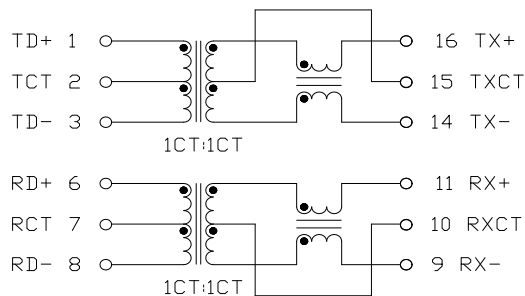
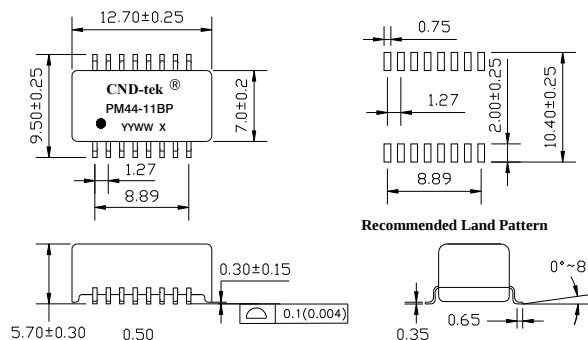


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3ab standard including baseline wander compensation specification of 350 $\mu$ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process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



## DIMENSIONS & SCHEMATICS

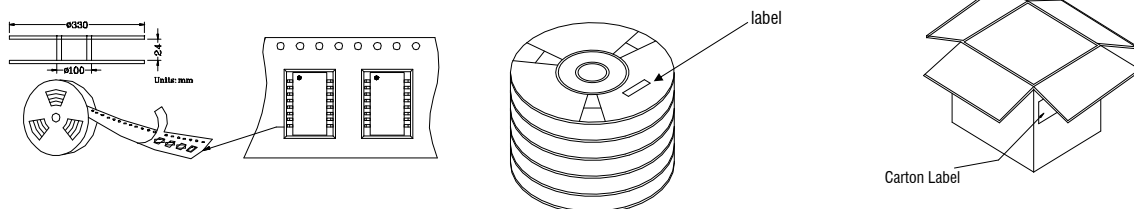


**Note:** 1、Dimension: mm, 2.Unless otherwise specified,tolerances are:  $\pm 0.15$ mm

## 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:                      | 1.20 $\Omega$ Max.                                                         |
| Turns Ratio( $\pm 5\%$ ): | 1CT:1CT(TX), 1CT:1CT(RX)                                                   |
| Polarity:                 | 1-16, 6-11 In-Phase                                                        |
| Insertion Loss:           | -1.1 dB Max. @ 1-100MHz                                                    |
| Return Loss:              | -16dB Min. @ 1-30MHz<br>-12 dB Min. @ 30-60 MHz<br>-10 dB Min. @ 60-80 MHz |
| Cross Talk:               | -40 dB Min. @ 1-60 MHz<br>-32 dB Min. @ 60-100 MHz                         |
| Common Mode Rejection :   | -40 dB Min. @ 1-30 MHz<br>-32 dB Min. @ 60 MHz<br>-30 dB Min. @ 80-100 MHz |
| Isolation HI-POT:         | 1500Vrms 1mA 1Second                                                       |

## PACKING SPECIFICATION



1. units/reel:650PCS
2. reel/carton:7PCS
3. units/carton :4550PCS

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