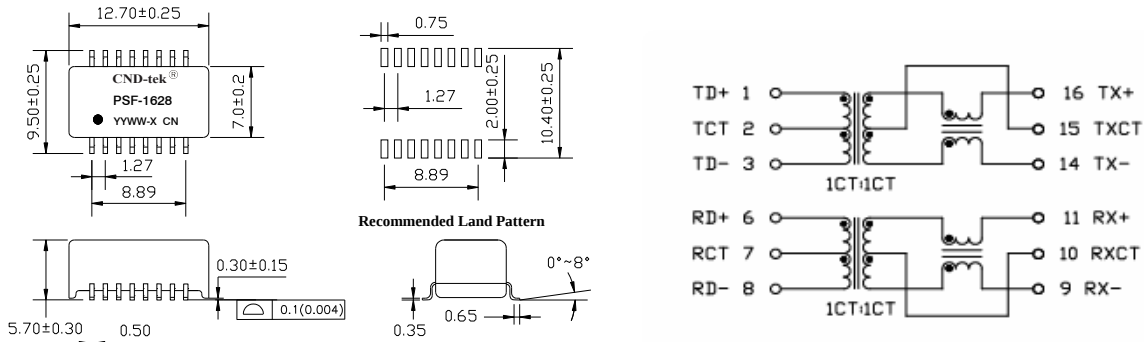


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3at standard including baseline wander compensation specification of $350\mu\text{H}$ OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow 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 Capadility 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

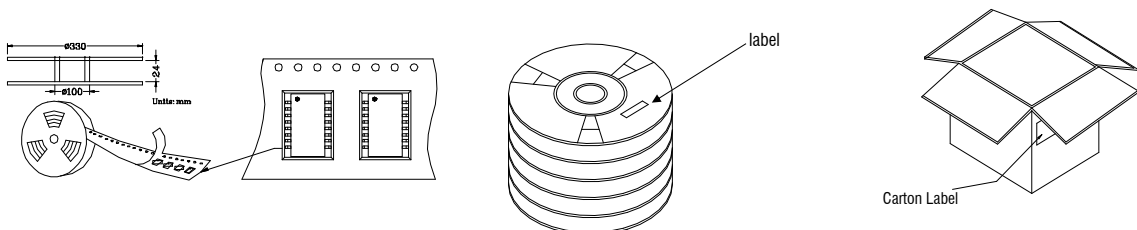


Note: 1. Dimension: inches/mm 2. Unless otherwise specified, tolerances are: $\pm 0.15\text{mm}$

TECHNICAL SPECIFICATIONS

OCL :	$350\mu\text{H}$ Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage	$0.5\mu\text{H}$ Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.00Ω Max.
Turns Ratio($\pm 2\%$):	1CT:1CT
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.1 dB Max. @ 0.1-100MHz
Return Loss:	-16dB Min.@ 1-30 MHz -10+20*log ₁₀ (f/60)dB Min@ 30-60 MHz -10dB Min.@ 60-80 MHz
Cross Talk:	-35dB Min. @ 1-30MHz -30dB Min@ 60-100 MHz
Common Mode Rejection :	-42dB Min.@ 30MHz -37dB Min@ 60 MHz -30dB Min@ 100 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second

PACKING SPECIFICATION



1. units/reel:600PCS
2. reel/carton:5PCS
3. units/carton :3000PCS

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