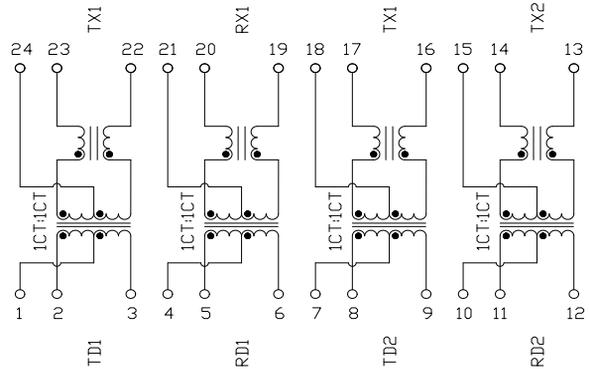
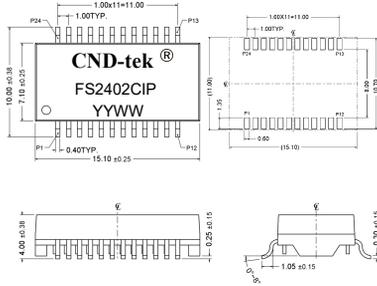


1. Designed for long haul 2.5G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable, Cable interface for isolation and low common mode emissions.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz standard for 2.5G Base-Z, Designed to support 1:1 Turns Ratio Transceivers.



DIMENSIONS & SCHEMATICS

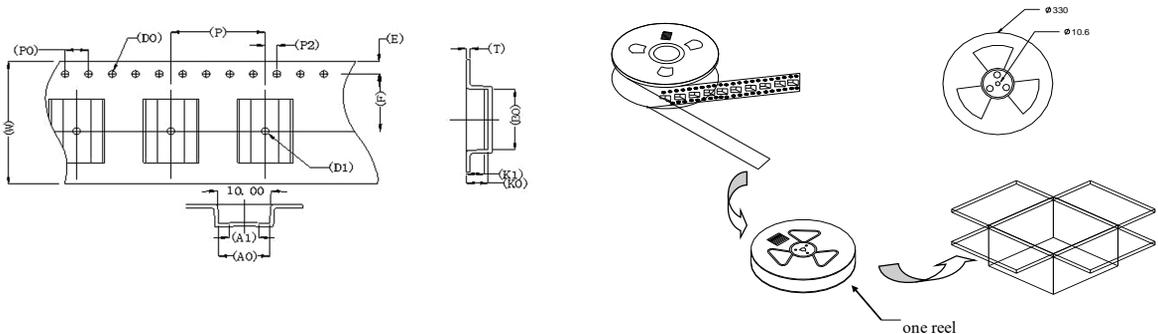


- Note:**
1. Dimension: mm
 2. Unless otherwise specified, all tolerances are: $\pm 0.15\text{mm}$

TECHNICAL SPECIFICATIONS

OCL :	180 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μH Max. @ 100KHz, 0.1V
Cw/w:	35 pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Polarity:	1-24, 5-20, 7-18, 11-14 In-Phase
Insertion Loss:	-1.0 dB Max. @ 1-100MHz -2.0 dB Max. @ 101-200MHz
Return Loss:	-30 dB Min. @ 1-40MHz -30 + 15*log(f/40) Min. @ 41-200 MHz
Cross Talk:	-39 dB Min. @ 1-100 MHz -25 dB Min. @ 101-200 MHz
Common Mode Rejection :	-25dB Min. @ 1-200 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second
Operating Temperature range:	-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$ -40 $^{\circ}\text{C}$ ~ +125 $^{\circ}\text{C}$

PACKING SPECIFICATION



1. units/reel: 850PCS
2. reel/carton: 5PCS
3. units/carton : 4250PCS