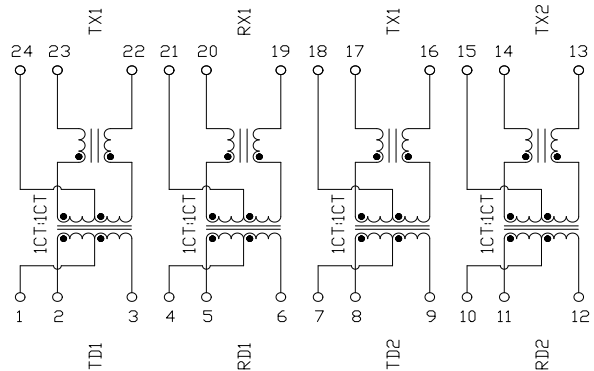
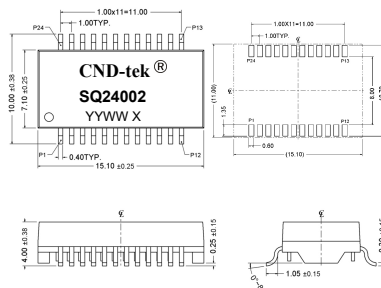


2.5G Single Port Transformer Module

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

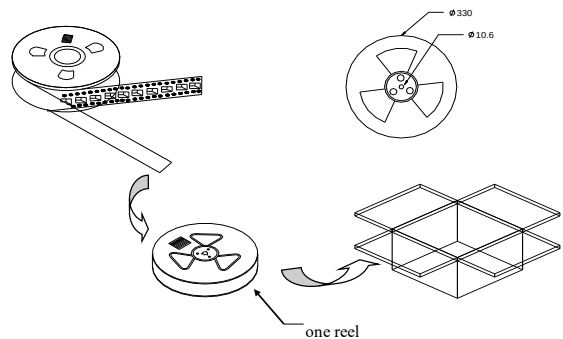
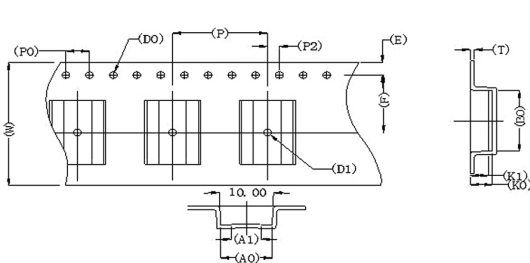


Note: 1、Dimension: mm 2、Unless otherwise specified,all tolerances are: $\pm 0.15\text{mm}$

TECHNICAL SPECIFICATIONS

OCL :	180 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.2V
Cw/w:	35 pF Max. @ 100KHz, 0.2V
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:	-20 dB Min. @ 1-40MHz -20 + 15*LOG(f/40) dB 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°C ~ +85°C -40°C ~ +125°C

PACKING SPECIFICATION



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