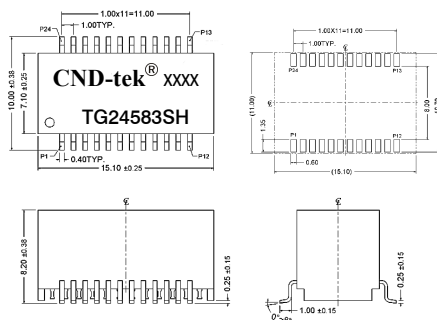


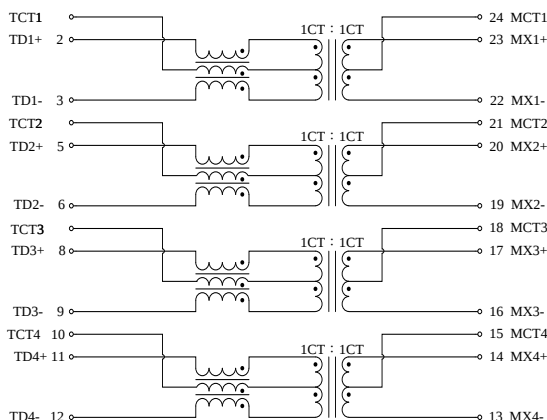
1. Designed for long haul 10G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable, Cable interface for isolation and low common mode emissions.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3an standard for 10G Base-Z, Designed to support 1:1 Turns Ratio Transceivers.



DIMENSIONS & SCHEMATICS



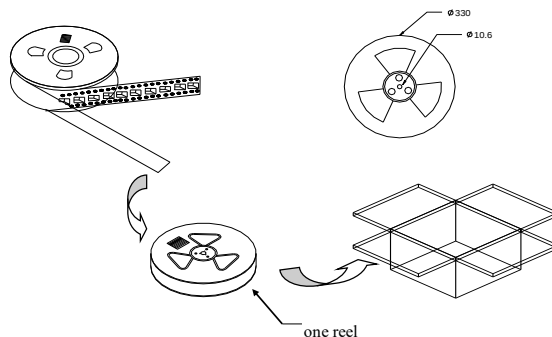
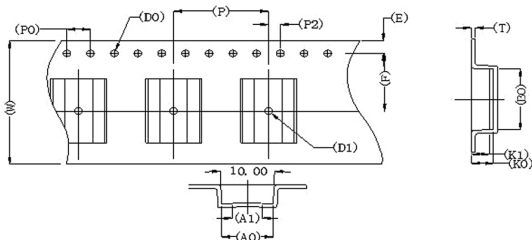
Note: 1. Dimension: mm
2. Unless otherwise specified, all tolerances are: $\pm 0.15\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	160 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.50 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)
Insertion Loss:	-0.55 dB Max. @ 1MHz -0.55dB Max. @ 150MHz -0.77dB Max. @ 200MHz -1.41dB Max. @ 400MHz
Return Loss:	-20dB Min. @ 1MHz -20 Min@ 100MHz -18dB Min.@ 200 MHz -15dB Min.@ 300 MHz -10dB Min.@ 400 MHz -8dB Min.@ 500 MHz
Cross Talk:	-34dB Min.@1MHz -23 dB Min.@ 350 MHz -23 dB Min.@ 500 MHz
Common Mode Rejection :	- 30 dB Min.@ 1-100 MHz -25 dB Min.@ 100-300 MHz -20 dB Min.@ 300-500 MHz
Isolation HI-POT:	1800Vrms 1mA 1Second
Operating Temperature range:	-40 $^{\circ}\text{C}$ $\rightarrow$ 85 $^{\circ}\text{C}$
Storage temperature range:	-40 $^{\circ}\text{C}$ $\rightarrow$ 125 $^{\circ}\text{C}$

PACKING SPECIFICATION



1. units/reel:300PCS
- 2 reel/carton:5PCS
- 3.units/carton :1500PCS