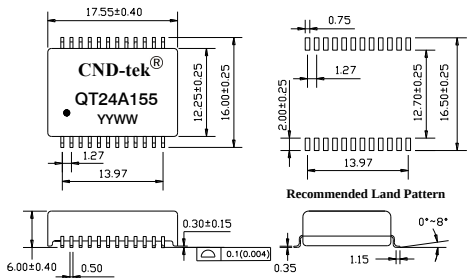


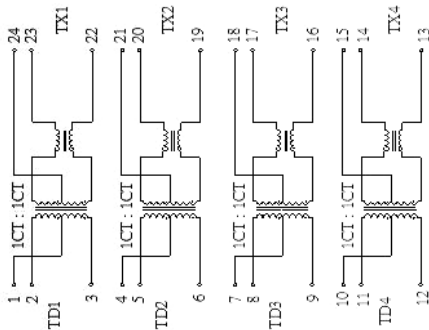
1. Designed for long haul 5G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
- 3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz standard for 5G Base-Z,Designed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



DIMENSIONS & SCHEMATICS



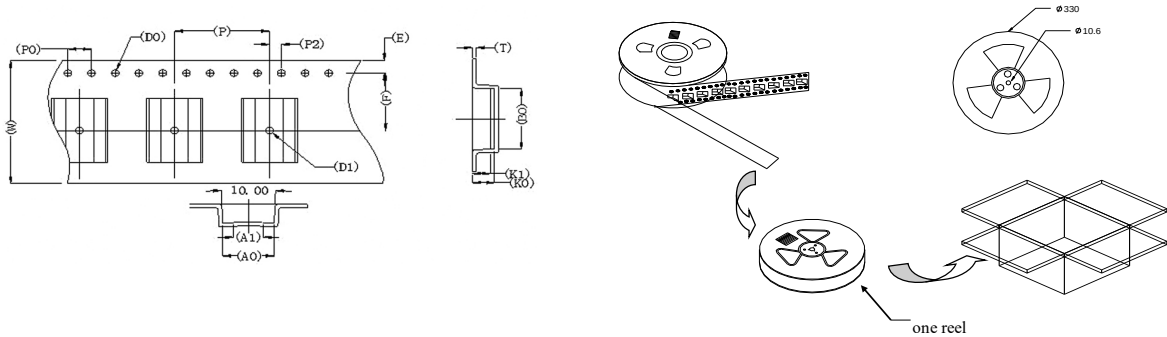
- Note:**
1. Dimension: mm
 2. Unless otherwise specified,all tolerances are: ±0.15mm



TECHNICAL SPECIFICATIONS

OCL :	150 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.1V
Cw/w:	35 pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max
Turns Ratio($\pm$ 5%):	1CT:1(TX), 1CT:1(RX)
Polarity:	2-23, 5-20, 8-17, 11-14 In-Phase
Insertion Loss:	-1.1dB Max. @ 1-100MHz -2.5dB Max. @ 101-250MHz
Return Loss:	-20 dB Min. @ 1-40MHz -20+ 15*Log(f/40)dB Min. @ 40.1-250 MHz
Cross Talk:	-30 dB Min.@ 1-100 MHz -25 dB Min.@ 100.1-250 MHz
Common Mode Rejection :	-30dBMin.@1-100MHz -25 dB Min.@ 100.1-250 MHz
Isolation HI-POT:	1500VAC 1mA 60S or 1650VAC 1mA 6S
Operating Temperature range:	0°C ~ +70°C
Storage temperature range:	-25°C ~ +125°C

PACKING SPECIFICATION



1. units/reel:400PCS
- 2 reel/carton:5PCS
- 3.units/carton :2000PCS