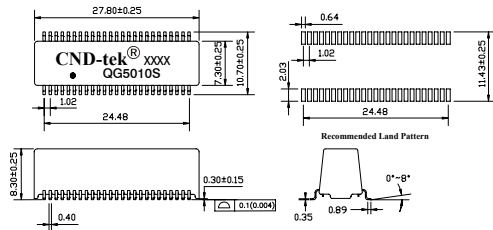


1. Designed for long haul 2.5G Double Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz standard for 2.5G Base-Z,Designed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

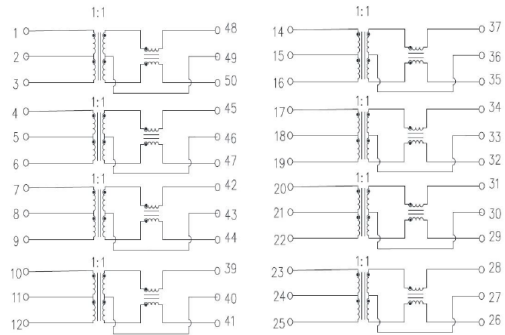


## DIMENSIONS & SCHEMATICS



Note: 1. Dimension: mm

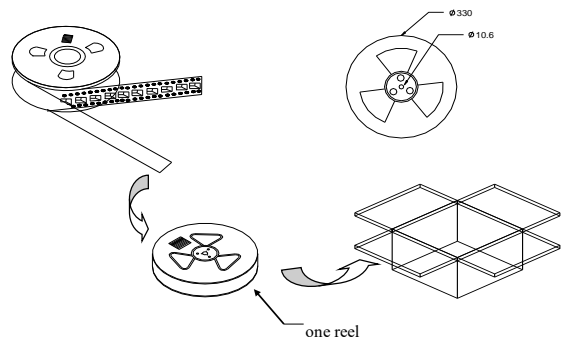
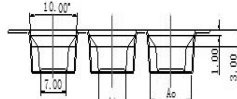
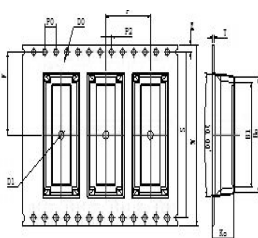
2. Unless otherwise specified,all tolerances are: ±0.05mm



## TECHNICAL SPECIFICATIONS

OCL :	180 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 $\mu$ H Max. @ 100KHz, 0.1V
Cw/w:	35 pF Max. @ 100KHz, 0.1V
DCR:	1.00 $\Omega$ Max
Turns Ratio( $\pm$ 5%):	1CT:1(TX), 1CT:1(RX)
Polarity:	1-48, 4-45, 10-39, 14-37,17-34,20-31,23-28 In-Phase
Insertion Loss:	-1.0 dB Max. @ 1-100MHz -2.0dB Max. @ 101-200MHz
Return Loss:	-20 dB Min. @ 1-40MHz -20 + 15*Log(f/40) dB Min. @ 41-200MHz
Cross Talk:	-39dB Min.@ 1-100 MHz -25dB 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
Storage temperature range:	-40 C ~+ 125 C

## PACKING SPECIFICATION



1. units/reel:450PCS
- 2 reel/carton:5PCS
- 3.units/carton :2250PCS