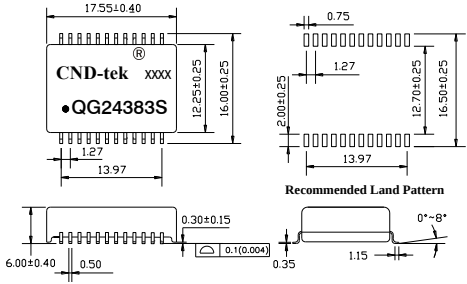


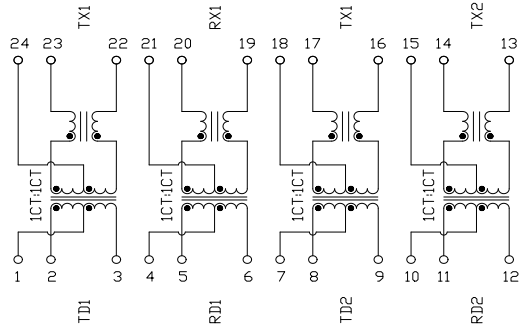
1. Designed for long haul 2.5G POE+ Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
- 3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz&bt. standard for 2.5G Base-Z,Designed to support 1:1 Turns Ratio Transceivers.
5. DC Line Current : 1100mA Max @ 57V



DIMENSIONS & SCHEMATICS



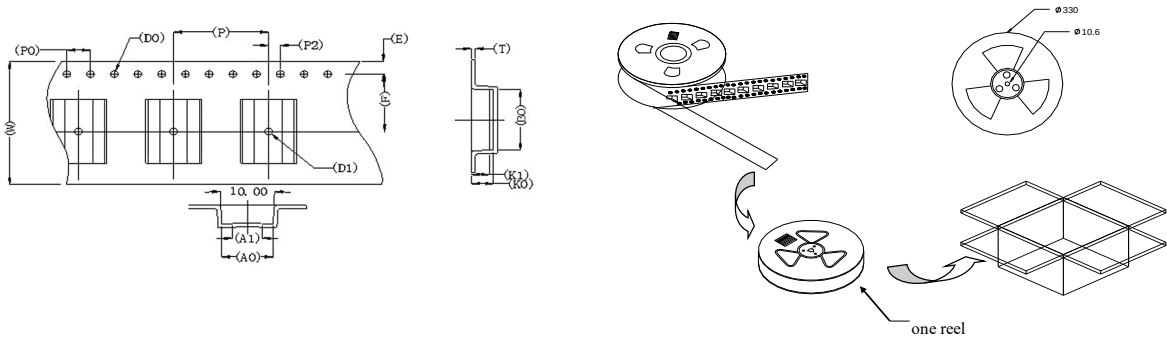
Note: 1. Dimension: mm 2. Unless otherwise specified,all tolerances are: ±0.15mm



TECHNICAL SPECIFICATIONS

|                              |                                                                              |
|------------------------------|------------------------------------------------------------------------------|
| OCL :                        | 160 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias                           |
| Leakage Inductance:          | 0.5 $\mu$ H Max. @ 100KHz, 0.2V                                              |
| Cw/w:                        | 28 pF Max. @ 100KHz, 0.2V                                                    |
| DCR:                         | 1.00 $\Omega$ Max                                                            |
| Turns Ratio( $\pm$ 5%):      | 1CT:1(TX), 1CT:1(RX)                                                         |
| Polarity:                    | 2-23, 5-20, 8-17, 11-14 In-Phase                                             |
| Insertion Loss:              | -0.5 dB Max. @ 1-50MHz<br>-1.0dB Max. @50-125MHz<br>-2.0dB Max. @ 125-200MHz |
| Return Loss:                 | -20 dB Min. @ 1-40MHz<br>-15 dB Min. @100 MHz<br>-9.5 dB Min. @200 MHz       |
| Cross Talk:                  | -28 dB Min.@ 1-125 MHz<br>-25 dB Min.@ 125-200 MHz                           |
| Common Mode Rejection :      | -25 dB 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:400PCS
- 2 reel/carton:5PCS
- 3.units/carton :2000PCS