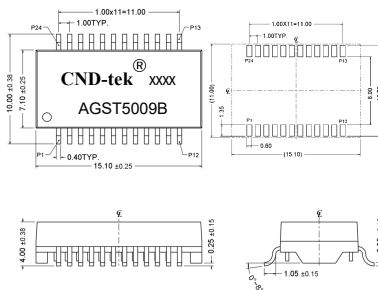


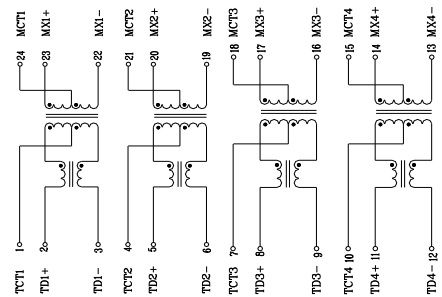
1. Designed for long haul 2.5G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable, Cable interface for isolation and low common mode emissions.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz standard for 2.5G Base-Z,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



DIMENSIONS & SCHEMATICS



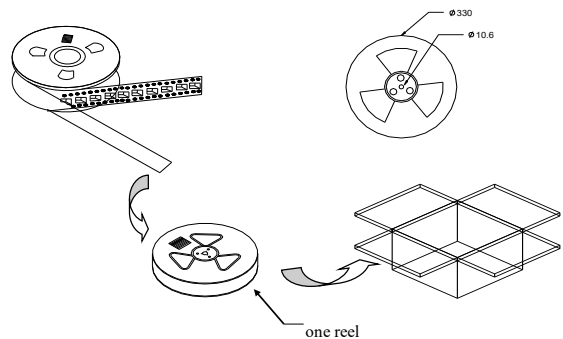
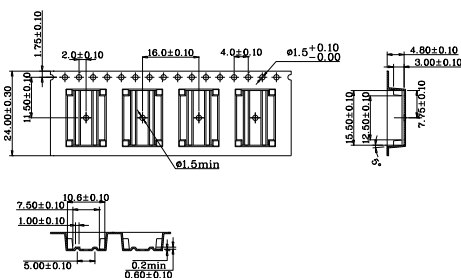
Note: 1、Dimension: mm 2、Unless otherwise specified,all tolerances are: $\pm 0.15\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	180 μ H Min. @ 100 KHZ, 0.1V with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHZ, 0.1V
Cw/w:	28 pF Max. @ 100KHZ, 0.1V
DCR:	0.90 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:	-0.5 dB Max. @ 1-50MHz -1.0 dB Max. @ 50-125MHz
Return Loss:	-20 dB Min. @ 1-40MHz -20 + 10*LOG(f/40) dB Min. @ 40-125 MHz
Cross Talk:	-39 dB Min. @ 1-100 MHz -30 dB Min. @ 100-125 MHz
Common Mode Rejection :	-48dB Min. @ 1-30 MHz -44 + 19.2 log ₁₀ (f/50) @ 30-125 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:850PCS
2 reel/carton:5PCS
3.units/carton :4250PCS