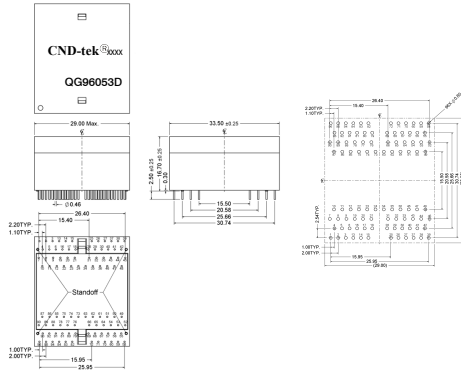


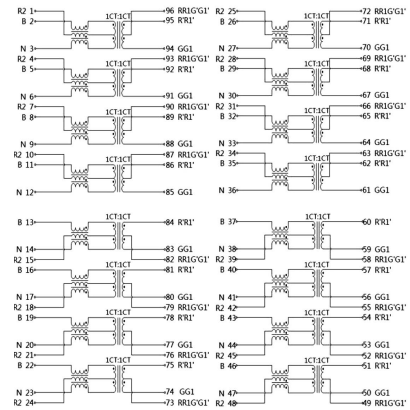
1. Designed for long haul 2.5G PoE+ Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3at standard for 2.5G Base-Z,Designed to support 1:1 Turns Ratio Transceivers.
5. Designed to meet IEEE 802.3at with 720mA balanced current.
6. Operating Temperature : -40°C to +85°C
7. Storage Temperature : -40°C to +125°C



DIMENSIONS & SCHEMATICS



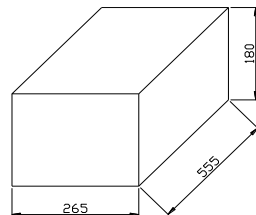
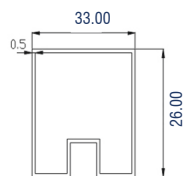
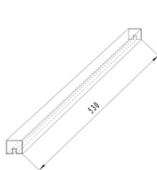
Note: 1、Dimension: mm; 2.Unless otherwise specified,tolerances are: $\pm 0.15\text{mm}$;



TECHNICAL SPECIFICATIONS

OCL :	120 μH Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage Inductance:	0.5 μH Max. @ 100KHz, 0.1V
Cw/w:	35pF Max. @ 100KHz, 0.1V
DCR:	1.40 Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Insertion Loss:	-0.85 dB Max. @ 1-50 MHz -1.0 dB Max. @ 50-125 MHz -2.0 dB Max. @ 125-200 MHz
Return Loss:	-18dB Min @ 1-5MHz -20dB Min @ 5-40MHz -14dB Min @ 100MHz -9.5dB Min @ 200MHz
Cross Talk:	-28dB Min.@ 1-125 MHz -25 dB Min.@ 125~200 MHz
Common Mode Rejection :	-25 dB Min.@ 1-200 MHz
Isolation HI-POT:	1800Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:14PCS
2. reel/carton:60PCS
- 3.units/carton :840PCS