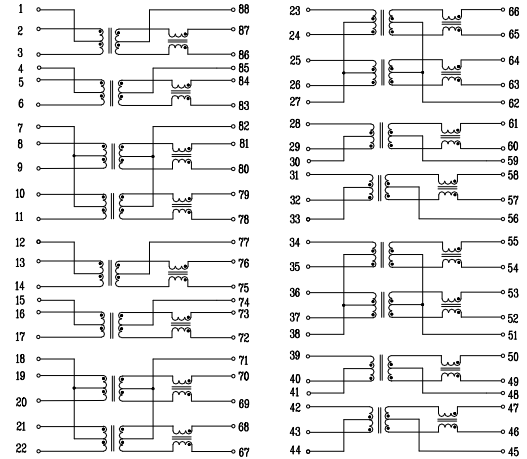
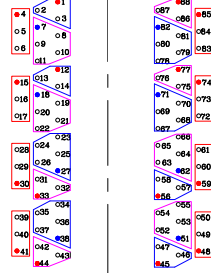
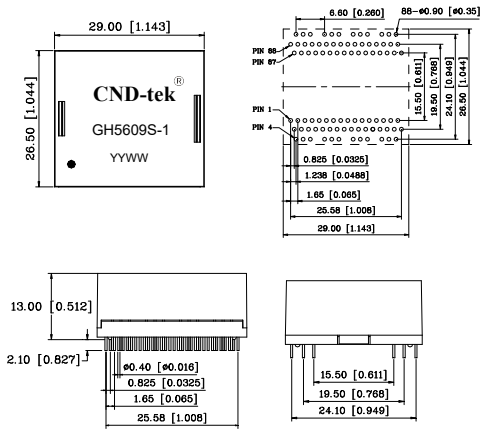


1. Designed for long haul 1000M Quad Port Transformer Module
2. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
3. Supports 16 pairs of category 5 UTP cable.
4. Cable interface for isolation and low common mode emissions.
5. Compliant with IEEE 802.3at standard for 1000M Base-Z, Designed to support 1:1 Turns Ratio Transceivers.
6. DC Line Current : 720mA Max @ 57V.
7. Operating Temperature : -40°C to +85°C
8. Storage Temperature : -40°C to +125°C



DIMENSIONS & SCHEMATICS

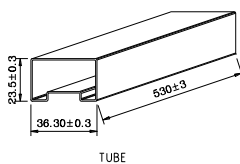


Note: 1. Dimension: mm/inch;
2. Unless otherwise specified, tolerances are: $\pm 0.25\text{mm}$;

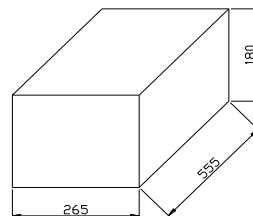
TECHNICAL SPECIFICATIONS

OCL :	350 μH Min @ 100 KHz, 0.1V with 8mA DC Bias
Leakage Inductance:	0.5 μH Max @ 100KHz, 0.1V
Cw/w:	28pF Max @ 100KHz, 0.1V
DCR:	1.00 Ω Max
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Insertion Loss:	-1.0 dB Max @ 1-100 MHz
Return Loss:	-18dB Min @1-30MHz -14.4dB Min @ 40MHz -13.1dB Min @ 50MHz -12.0dB Min @ 60-80MHz -10.0dB Min @ 100MHz
Cross Talk:	-40 dB Min @30MHz -35 dB Min @ 60MHz -30 dB Min @ 100MHz
Common Mode Rejection :	-43 dB Min @30MHz -37dB Min @ 60MHz -33 dB Min @ 100MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



TUBE



1. units/reel:17PCS
2. reel/carton:60PCS
3. units/carton :1020PCS