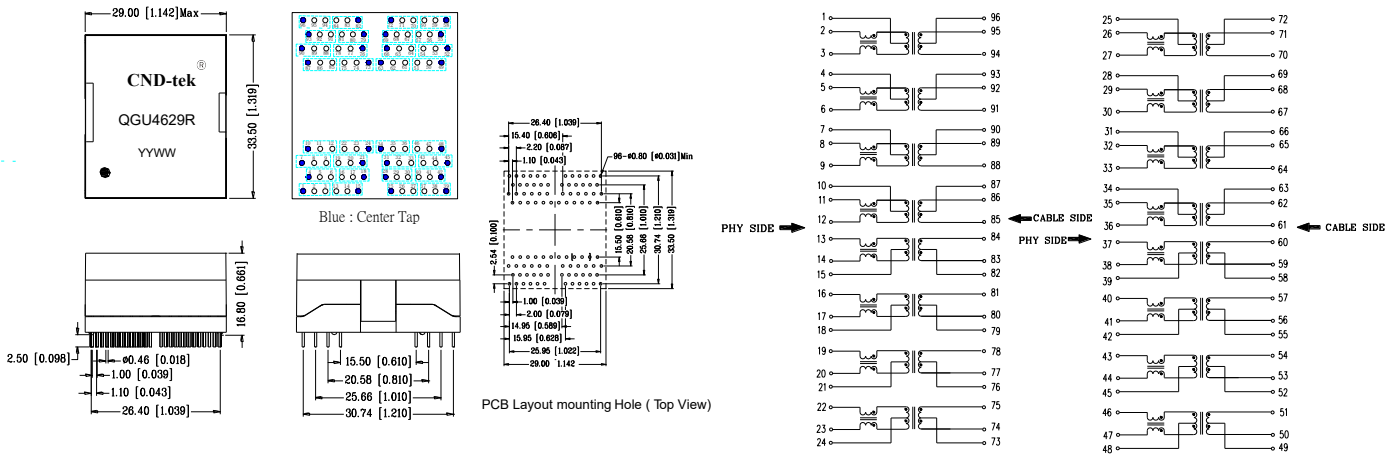


1. Designed for long haul 2.5G/5G Quad Port Transformer Module
2. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
3. Compliant with IEEE 802.3at standard for 2.5G/5G Base-Z, Designed to support 1:1 Turns Ratio Transceivers.
4. Designed to meet IEEE 802.3at with 600mA balanced current.
5. Operating Temperature : -40°C to +85°C
6. Storage Temperature : -40°C to +125°C



DIMENSIONS & SCHEMATICS

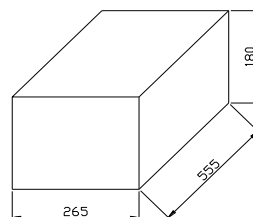
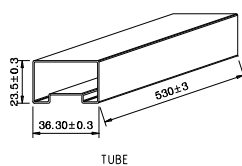


Note: 1. Dimension: mm/inch;
2. Unless otherwise specified, tolerances are: $\pm 0.25\text{mm}$;

TECHNICAL SPECIFICATIONS

OCL :	180 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 -2.0 dB Max @ 100-250 MHz
Return Loss:	-16dB Min @ 1-40MHz -(16-10 $\log_{10}(f/40)$)dB Min @ 40-250MHz
Cross Talk:	$20\log_{10}\left[10^{\frac{35.3-15\log_{10}(f/100)}{-20}} + 2 \times 10^{\frac{43-20\log_{10}(f/100)}{-20}}\right]$ dB Min@ 1-100 MHz -30 dB Min @ 100-250 MHz
Common Mode Rejection :	-48 dB Min.@ 1-30 MHz -(44-19.2 $\log_{10}(f/50)$)dB Min.@ 30-250 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:17PCS
2. reel/carton:204PCS
3. units/carton :408PCS