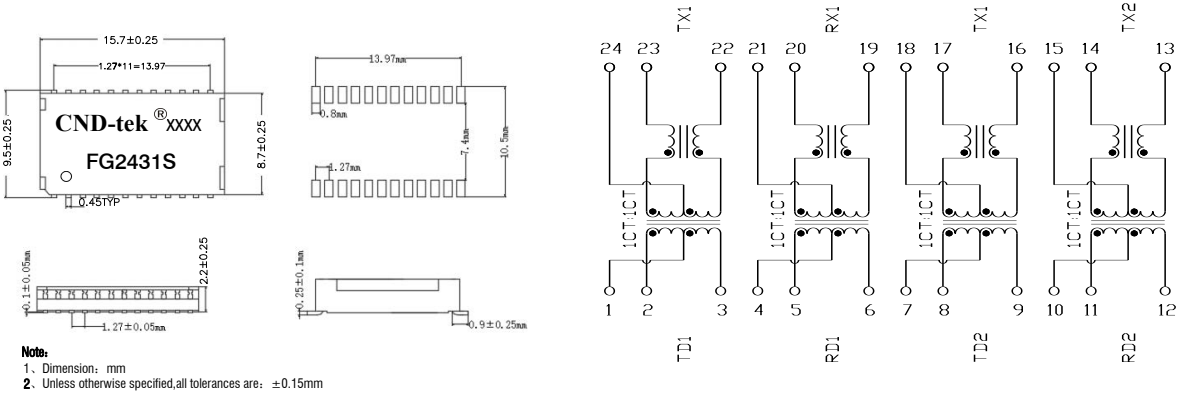


1. Designed for long haul 5G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
- 3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3bz standard for 5G Base-Z,Designed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



DIMENSIONS & SCHEMATICS



TECHNICAL SPECIFICATIONS

OCL :	150 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.1V
Cw/w:	30 pF Max. @ 100KHz, 0.1V
DCR:	1.20 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:	-1.0 dB Max. @ 1-100MHz -2.0 dB Max. @ 101-250MHz
Return Loss:	-20 dB Min. @ 1-40MHz -20 + 15*Log(f/40)dB Min. @ 41-250 MHz
Cross Talk:	-39 dB Min.@ 1-100 MHz -30 dB Min.@ 101-250 MHz
Common Mode Rejection :	-25dB Min.@1-250MHz
Isolation HI-POT:	1500Vrms 1mA 1Second
Operating Temperature range:	-40 C ~+ 85 C
Storage temperature range:	-40 C ~+ 125 C

PACKING SPECIFICATION

