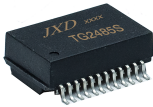
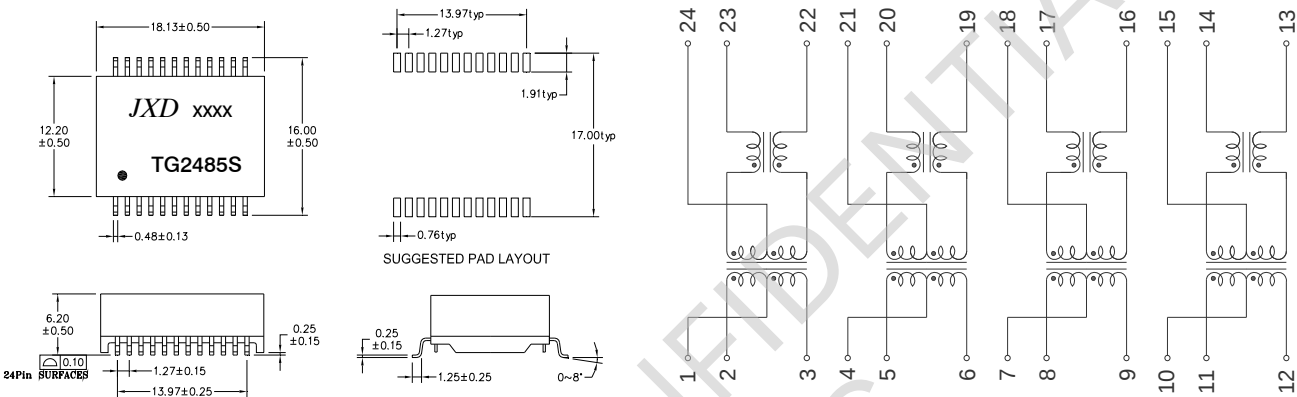


- 1. Designed for long haul 10G Single Port Transformer Module
- 2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
- 3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
- 4. Compliant with IEEE 802.3an standard for 10G Base-Z,Designed to support 1:1 Turns Ratio Transceivers.



DIMENSIONS & SCHEMATICS



TECHNICAL SPECIFICATIONS

OCL :	100 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.50 μ H Max. @ 100KHz, 0.2V
Cw/w:	35 pF Max. @ 100KHz, 0.2V
DCR:	1.20 Ω Max
Turns Ratio($\pm$ 5%):	1CT:1(TX), 1CT:1(RX)
Polarity:	2-23, 5-20, 8-17, 11-14 In-Phase
Insertion Loss:	-1.0 dB Max. @ 1-100MHz -3.0dB Max. @ 500MHz
Return Loss:	-18 dB Min. @ 1-40MHz -17 +10log(f/40)dB Min@40-500MHz
Cross Talk:	-40dB Min.@ 1-100 MHz -30dB Min.@ 100-500 MHz
Common Mode Rejection :	-35dB Min@1-100MHz -25dB Min@100-300MHz -20dB Min@300-500MHz
Isolation HI-POT:	2250Vrms 2mA 60Second
Operating Temperature range:	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C
Storage temperature range:	-40 $^{\circ}$ C ~ +125 $^{\circ}$ C

PACKING SPECIFICATION

