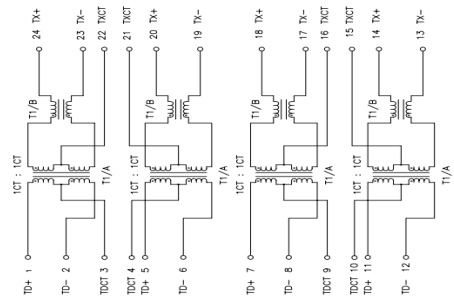
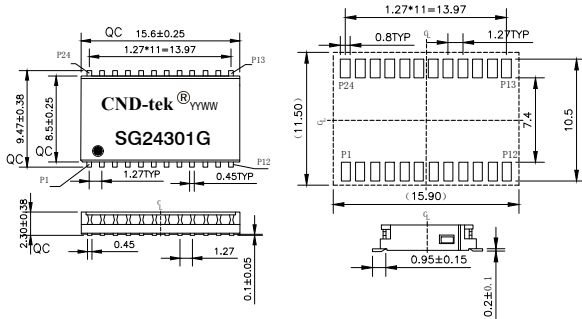


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Low profile Surface Mount Packaging designed for HI-Temp Reflow Process
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Designed to support 1:1 Turns Ratio Transceivers.
6. Operating Temperature range: 0°C TO +70°C
7. Storage temperature range:: -25°C TO +125°C



DIMENSIONS & SCHEMATICS

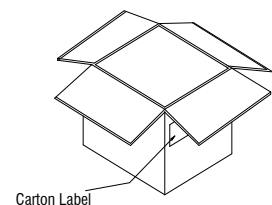
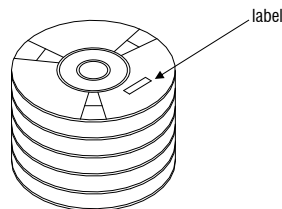
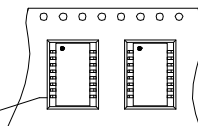
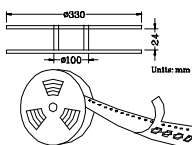


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ± 0.15mm

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV
Leakage	0.5 μ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-24, 4-21, 7-18, 10-15 In-Phase
Insertion Loss:	-1.1 dB Max. @ 1-100MHz
Return Loss:	-18dB Min. @ 1-30MHz -14.4dB Min. @ 40 MHz -13.1dB Min. @ 50 MHz -12dB Min. @ 60-80 MHz -10dB Min. @ 100 MHz
Cross Talk:	-30 dB Min. @ 1-100 MHz
Common Mode Rejection :	-30dB Min. @ 1-100 MHz
Isolation HI-POT:	1500Vms 1mA 60Second

PACKING SPECIFICATION



1. units/reel:1100PCS
2. reel/carton:5PCS
3. units/carton :5500PCS

EXPORT CARTON:367(L)x337(W)x235(H)