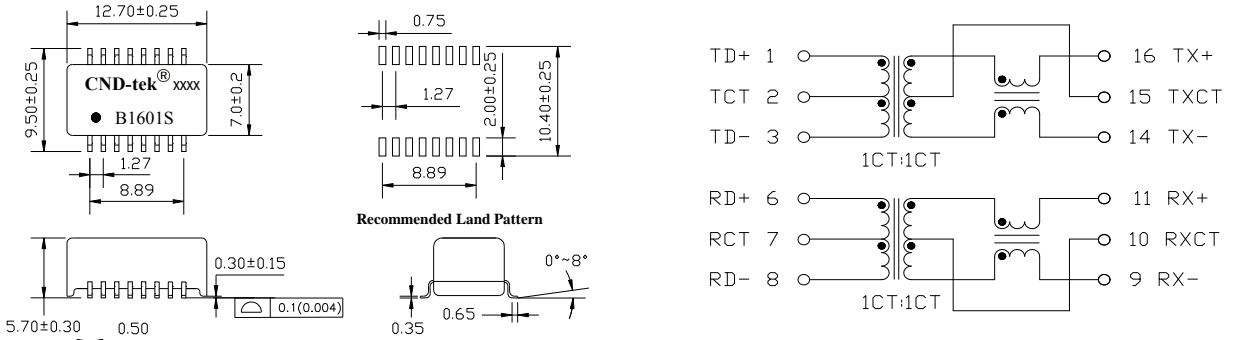


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Designed to support 1:1 Turns Ratio Transceivers.
6. Operating Temperature range: 0°C TO +70°C
7. Storage temperature range: -25°C TO +125°C



DIMENSIONS & SCHEMATICS

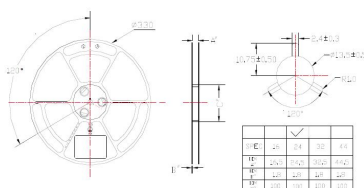


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ± 0.05mm

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	0.5 μ H Max. @ 100KHz, 0.2V
Inductance: Cw/w:	28pF Max. @ 100KHz, 0.2V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.1 dB Max. @ 1-100MHz
Return Loss:	-16dB Min. @ 1-30MHz -12 dB Min. @ 30-60 MHz -10 dB Min. @ 60-80 MHz
Cross Talk:	-42 dB Min. @ 1-60 MHz -35 dB Min. @ 60-100 MHz
Common Mode Rejection :	-42 dB Min. @ 1-30 MHz -35 dB Min. @ 60 MHz -30 dB Min. @ 80-100 MHz
Isolation HI-POT:	1500Vms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:600PCS
2. reel/carton:10PCS
3. units/carton :6000PCS

