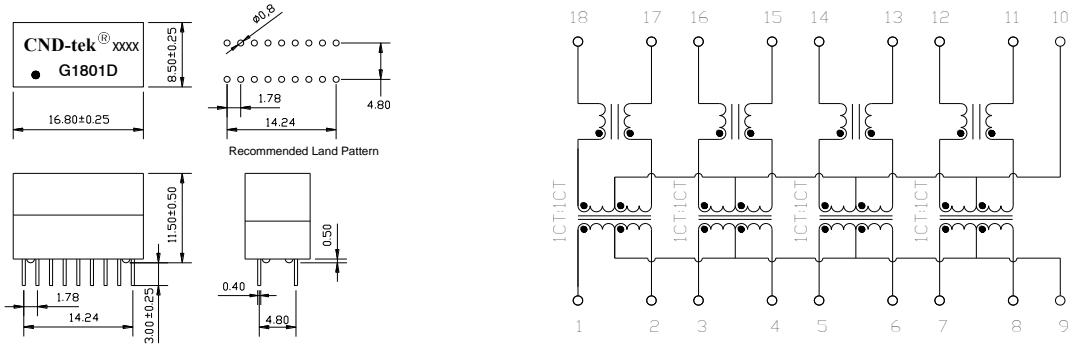


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 C TO +70 C
6. Storage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



DIMENSIONS & SCHEMATICS

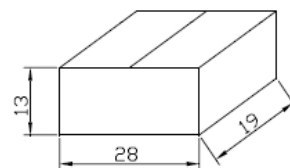
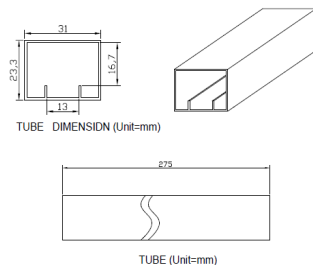


Note: 1. Dimension: mm; 2. Unless otherwise specified, tolerances are: ±0.05mm;

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|---|
| OC L : | 350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias |
| Leakage Inductance: | 0.5 μ H Max. @ 100KHz, 0.2V |
| Cw/w: | 100pF Max. @ 100KHz, 0.2V |
| DCR: | 1.20 Ω Max. |
| Turns Ratio(\pm 5%): | 1CT:1(TX), 1CT:1(RX) |
| Polarity: | 1-18, 3-16, 5-14, 7-12 In-Phase |
| Insertion Loss: | -1.1 dB Max. (TX & RX)@ 1-100 MHz |
| Return Loss: | -18 dB Min @ 0.5-30MHz -15 dB Min @ 40 MHz -13 dB Min @ 60 MHz -11 dB Min @ 80 MHz -10 dB Min.@ 100 MHz |
| Cross Talk: | -45 dB Min.@ 30 MHz -40 dB Min.@ 60 MHz -35 dB Min.@ 100 MHz |
| Common Mode Rejection : | -43 dB Min.@ 1-30 MHz -37 dB Min.@ 60 MHz -33 dB Min.@ 80-100 MHz |
| Isolation HI-POT: | 1500Vrms 1mA 1Second |

PACKING SPECIFICATION



1. units/reel:30PCS
2. reel/carton:120PCS
3. units/carton :3600PCS