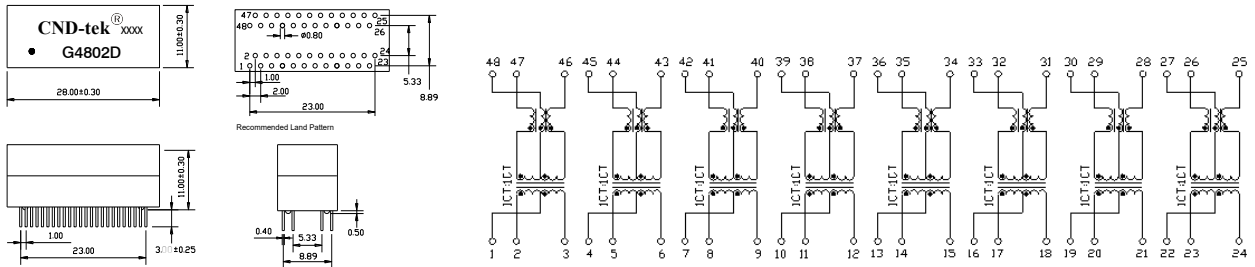


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage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



DIMENSIONS & SCHEMATICS

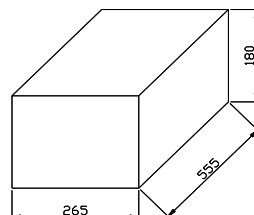
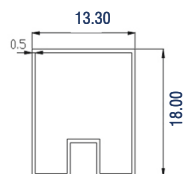
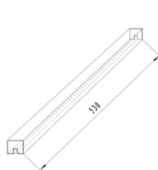


Note: 1、Dimension: mm; 2.Unless otherwise specified,tolerances are: ±0.15mm;

TECHNICAL SPECIFICATIONS

OC L :	350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.1V
Cw/w:	28pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1(TX), 1CT:1(RX)
Polarity:	2-47, 5-44, 8-41, 11-38,14-35,17-32,20-29,23-26 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 3Second

PACKING SPECIFICATION



- 1.units/reel:18PCS
- 2 .reel/carton:90PCS
- 3.units/carton :1620PCS