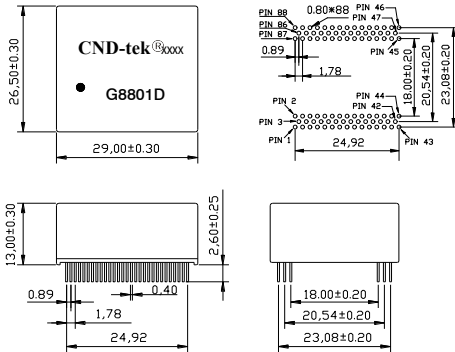


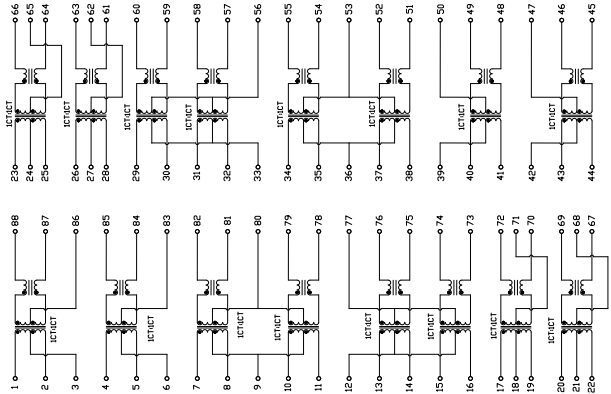
1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage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



DIMENSIONS & SCHEMATICS



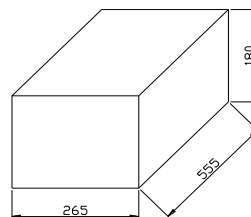
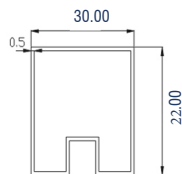
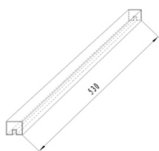
Note: 1、 Dimension: mm; 2.Unless otherwise specified,tolerances are: $\pm 0.15\text{mm}$;



TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μH Max. @ 100KHz, 0.1V
Cw/w:	56pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Polarity:	1-72, 3-70, 5-68, 7-66 In-Phase
Insertion Loss:	-1.2 dB Max. (TX & RX)@ 1-100 MHz
Return Loss:	-16 dB Min @ 0.5-40MHz
Cross Talk:	-10+20*log(f/80) dB Min @ 10 dB Min.@ 100 MHz
	-50 dB Min.@ 1~10 MHz
	-55+22*log(f/10) dB Min.@ 10~100 MHz
Common Mode Rejection :	-50 dB Min.@ 2 MHz
	-15+20*log(f/200) dB Min.@ 30~200 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:14PCS
- 2 reel/carton:60PCS
- 3.units/carton :840PCS