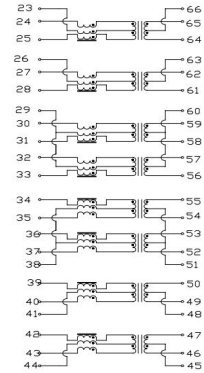
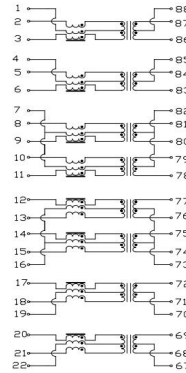
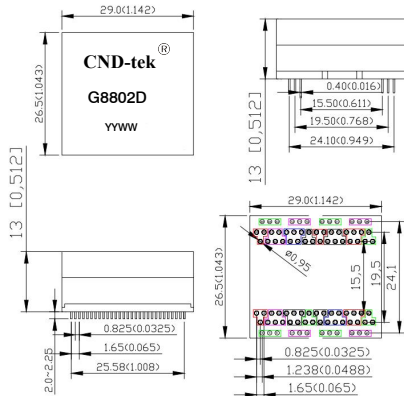


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0°C TO +70°C
6. Storage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



DIMENSIONS & SCHEMATICS

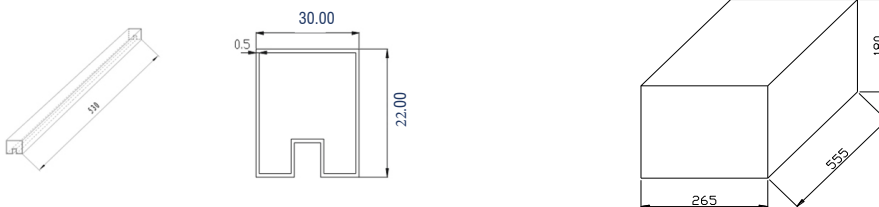


Note: 1. Dimension: mm; 2. Unless otherwise specified, tolerances are: $\pm 0.08\text{mm}$;

TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage Inductance:	0.50 μH Max. @ 100KHz, 0.1V
Cw/w:	75pF Max. @ 100KHz, 0.1V
DCR:	1.40 Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
primary pin/ secondary pin:	pin 1-44 / pin 45-88
Insertion Loss:	-1.0 dB Max. @ 1-30 MHz -1.8 dB Max. @ 100 MHz -3.0 dB Max. @ 125 MHz
Return Loss:	-18 dB Min @ 0.5-40MHz -10+20*log(f/80) dB Min @ 40.1-100MHz
Cross Talk:	-50 dB Min. @ 1~10 MHz -55+22*log(f/10) dB Min. @ 10~100 MHz
CMRR:	-50 dB Min. @ 1-100MHz
DMRR	-15+20*log(f/20) dB Min. @ 1~100 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second or 1650V 1mA 6S

PACKING SPECIFICATION



1. units/reel: 17PCS
- 2 reel/carton: 60PCS
3. units/carton : 1020PCS