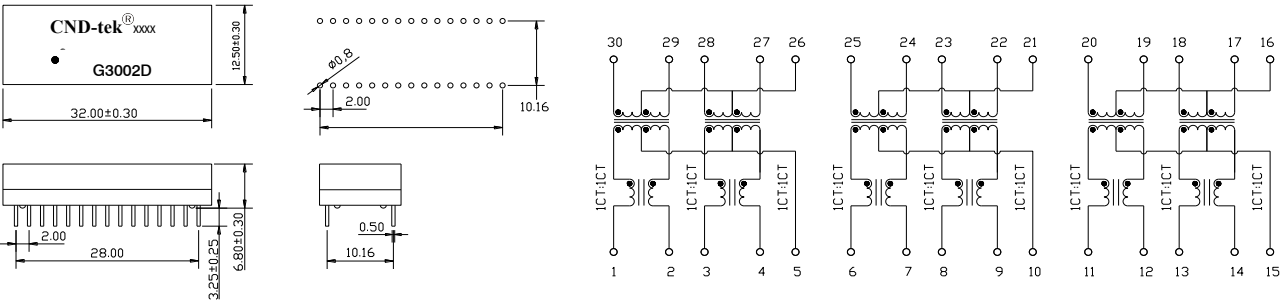


- 1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
- 2. Supports four pairs of category 5 UTP cable.
- 3. Cable interface for isolation and low common mode emissions
- 4. Compliant with IEEE 802.3ab standard for 1000 Base-T
- 5. Operating Temperature range: 0℃ TO +70℃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



DIMENSIONS & SCHEMATICS

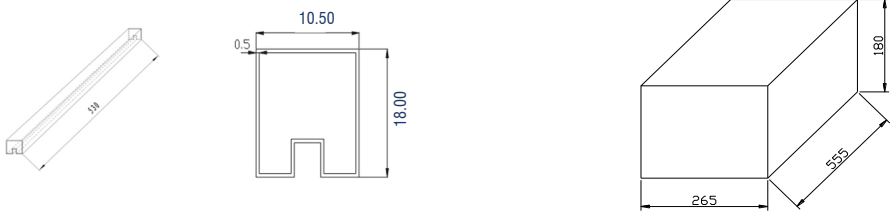


Note: 1、Dimension: mm; 2.Unless otherwise specified,tolerances are: ±0.15mm;

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.1V
Cw/w:	112pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1 (TX), 1CT:1(RX)
Polarity:	1-30, 3-28, 6-25, 8-23, 11-20, 13-18 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:15PCS
- 2 reel/carton:200PCS
- 3.units/carton :3000PCS