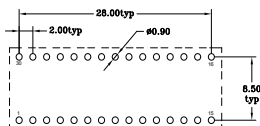
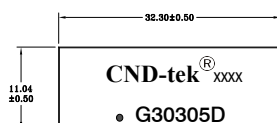


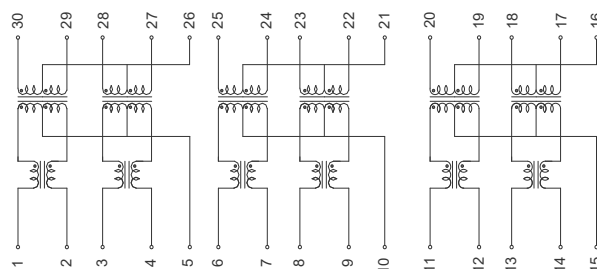
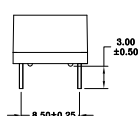
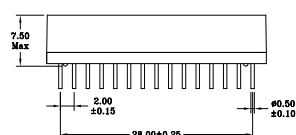
1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage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



DIMENSIONS & SCHEMATICS



SUGGESTED PCB LAYOUT

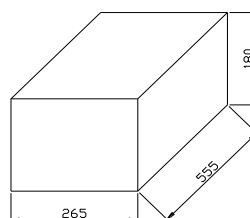
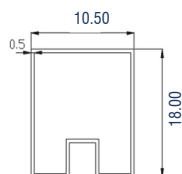
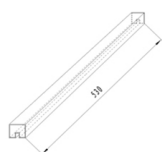


Note: 1. Dimension: mm; 2. Unless otherwise specified, tolerances are: ± 0.25 mm

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($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Insertion Loss:	-1.0 dB Max. (TX & RX)@ 0.3-100 MHz
Return Loss:	-18 dB Min @ 1-40MHz
Cross Talk:	-12+20*log(f/80)dB Min @ 40-100MHz
	-30dB Min.@ 1-100 MHz
Common Mode Rejection :	-30dB Min.@ 1-100 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:16PCS
2. reel/carton:200PCS
3. units/carton :3200PCS