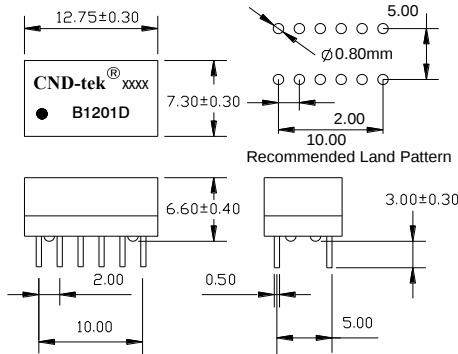


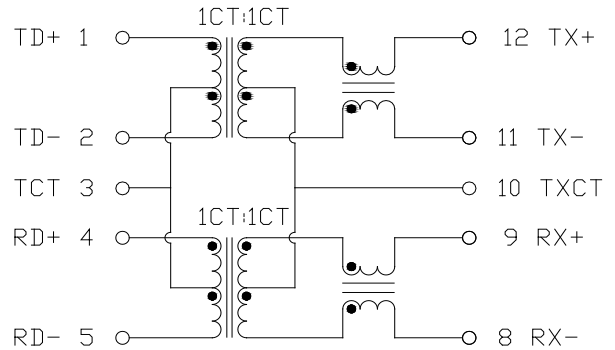
1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3ab standard including baseline wander compensation specification of $350\mu\text{H}$ OCL when Biased at 8mA
3. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
4. Available in Through Hole package.
5. Operating Temperature range: 0°C TO $+70^{\circ}\text{C}$
6. Storage temperature range: -25°C TO $+125^{\circ}\text{C}$



DIMENSIONS & SCHEMATICS



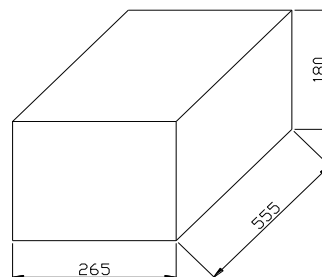
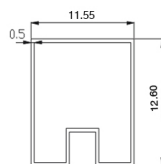
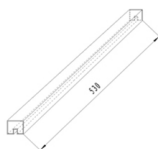
Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: $\pm 0.15\text{mm}$



TECHNICAL SPECIFICATIONS

OCL :	$350\mu\text{H}$ Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	$0.5\mu\text{H}$ Max. @ 100KHz, 0.1V
Cw/w:	28F Max. @ 100KHz, 0.1V
DCR:	1.20Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1(TX), 1CT:1(RX)
Polarity:	1-12, 4-9 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 1Second

PACKING SPECIFICATION



1. units/reel: 40PCS
- 2 reel/carton: 280PCS
3. units/carton : 11200PCS