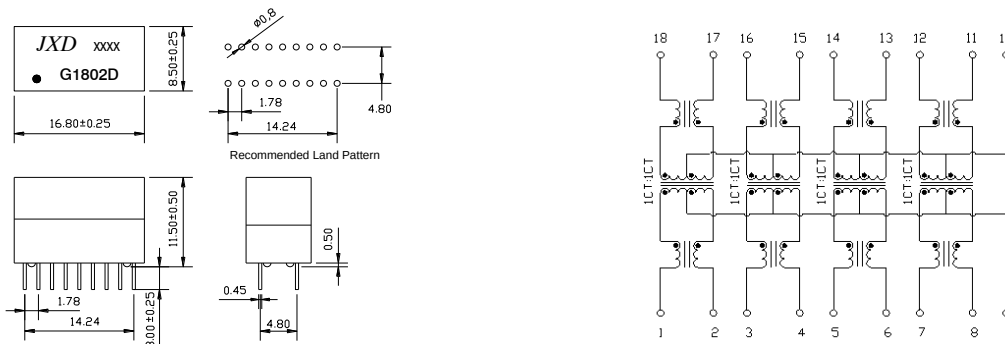


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage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



DIMENSIONS & SCHEMATICS

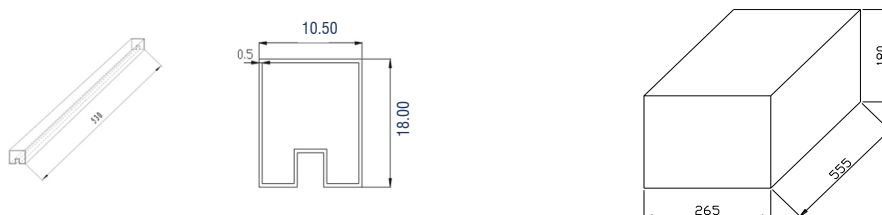


Note: 1. Dimension: mm; 2. Unless otherwise specified, tolerances are: ± 0.15 mm;

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)
Polarity:	1-18, 3-16, 5-14, 7-12 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:30PCS
2. reel/carton:120PCS
3. units/carton :3600CS