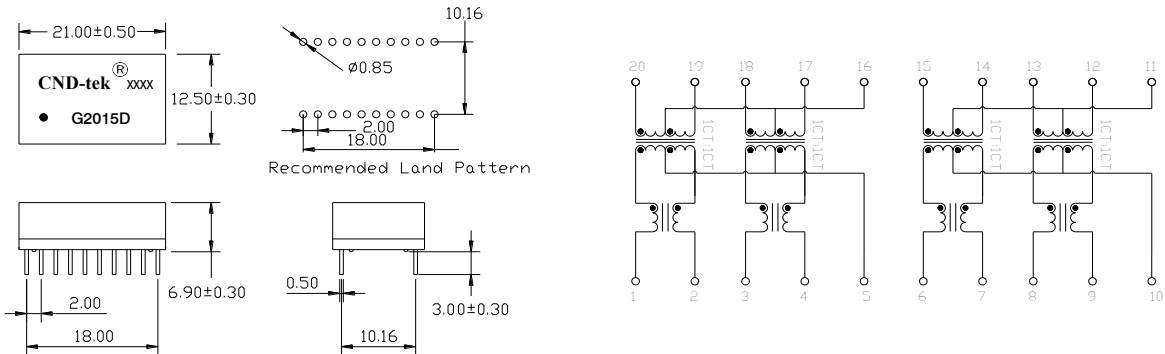


1. Single Port transformer Modules (100/1000 Base-TX) for Auto MDI/MDIX applications.
2. Designed to meet IEEE802.3 & ANSI X3.263 requirement.
3. Available in Through Hole package.
4. Designed to meet IR 255 °C peak requirement.
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage temperature range: -25 °C TO +125 °C



DIMENSIONS & SCHEMATICS

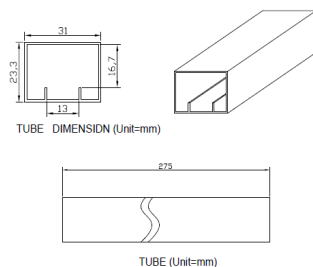


Note: 1. Dimension: mm; 2. Unless otherwise specified, tolerances are: ±0.05mm;

TECHNICAL SPECIFICATIONS

OCL :	350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.5 μ H Max. @ 100KHz, 0.2V
Cw/w:	100pF Max. @ 100KHz, 0.2V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1(TX), 1CT:1(RX)
Polarity:	1-20, 3-18, 6-15, 8-13In-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:24PCS
2. reel/carton:230PCS
3. units/carton :5520PCS