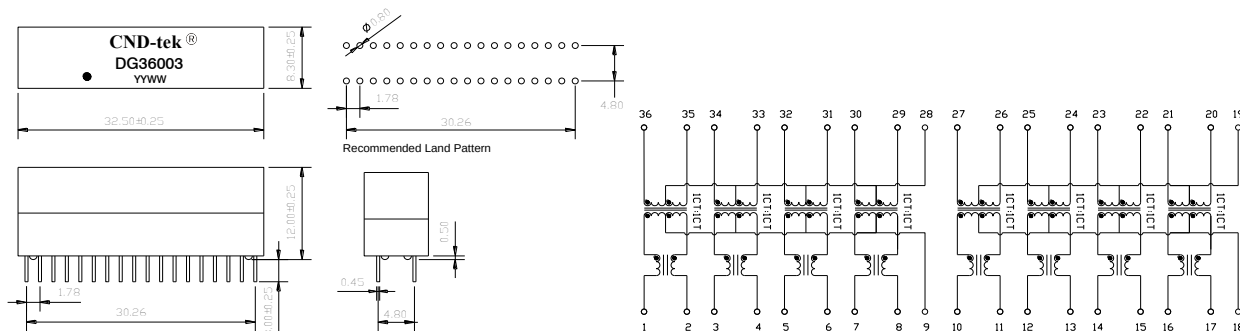


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3ab standard for 1000 Base-T
5. Operating Temperature range: 0 °C TO +70 °C
6. Storage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



## DIMENSIONS & SCHEMATICS

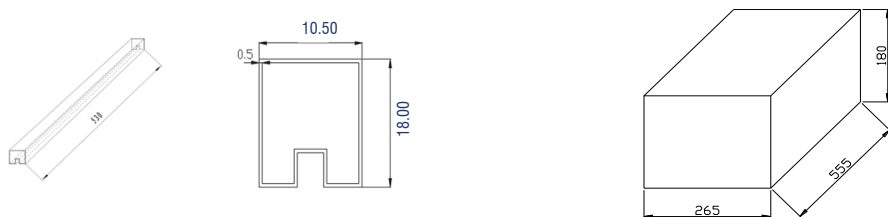


**Note:** 1、Dimension: mm; 2.Unless otherwise specified,tolerances are: ±0.15mm;

## TECHNICAL SPECIFICATIONS

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| OCL :                   | 350 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias          |
| Leakage Inductance:     | 0.5 $\mu$ H Max. @ 100KHz, 0.1V                             |
| Cw/w:                   | 112pF Max. @ 100KHz, 0.1V                                   |
| DCR:                    | 1.20 $\Omega$ Max.                                          |
| Turns Ratio(±5%):       | 1CT:1 (TX), 1CT:1 (RX)                                      |
| Polarity:               | 1-36, 3-34, 5-32, 7-30, 10-27, 12-25, 14-23, 16-21 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:120PCS
- 3.units/carton :1800PCS