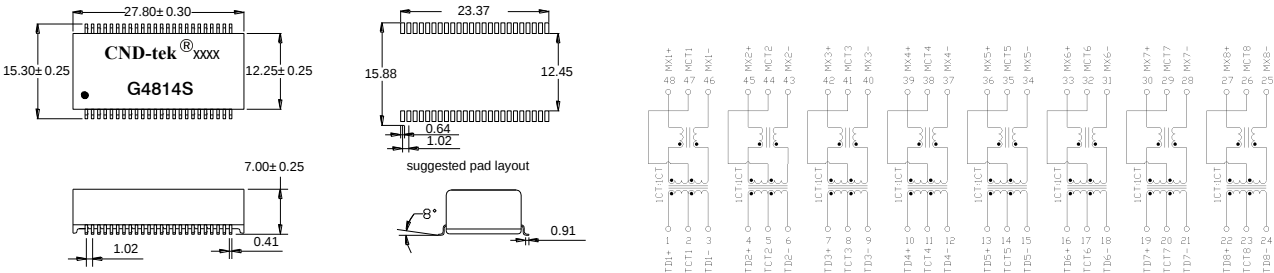


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3at standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-span and Mid-span POE+ Applications 550mA Current Capadility Per POE Port
6. Operating Temperature range: -40℃ TO +85℃
7. torage temperature range: -40℃ TO +125℃



DIMENSIONS & SCHEMATICS

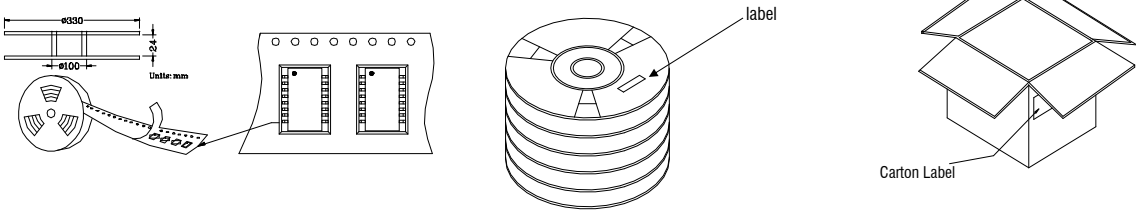


**Note:** 1、Dimension: mm, 2.Unless otherwise specified,tolerances are: ±0.15mm

TECHNICAL SPECIFICATIONS

|                         |                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| OCL :                   | 350 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias                                                                 |
| Leakage                 | 0.5 $\mu$ H Max. @ 100KHz, 0.1V                                                                                    |
| Inductance: Cw/w:       | 28pF Max. @ 100KHz, 0.1V                                                                                           |
| DCR:                    | 1.20 $\Omega$ Max.                                                                                                 |
| Turns Ratio(±5%):       | 1CT:1CT(TX), 1CT:1CT(RX)                                                                                           |
| Polarity:               | 1-48, 4-45, 7-42, 10-39,13-36,16-33,19-30,22-27 In-Phase                                                           |
| Insertion Loss:         | -1.1 dB Max. @ 1-100MHz                                                                                            |
| Return Loss:            | -18 dB Min. @ 0.5-30MHz<br>-15 dB Min. @ 40 MHz<br>-13 dB Min.@ 60MHz<br>-11 dB Min.@ 80MHz<br>-10 dB Min.@ 100MHz |
| Cross Talk:             | -45 dB Min.@ 30 MHz<br>-40dB Min.@ 60 MHz<br>-35 dB Min.@ 100 MHz                                                  |
| Common Mode Rejection : | -43dB Min.@ 1-30 MHz<br>-37dB Min.@ 60 MHz<br>-33 dB Min.@ 80-100 MHz                                              |
| Isolation HI-POT:       | 1500Vrms 1mA 1Second                                                                                               |

PACKING SPECIFICATION



1. units/reel:850PCS
2. reel/carton:5PCS
3. units/carton :4250PCS

EXPORT CARTON:367(L)x337(W)x235(H)

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