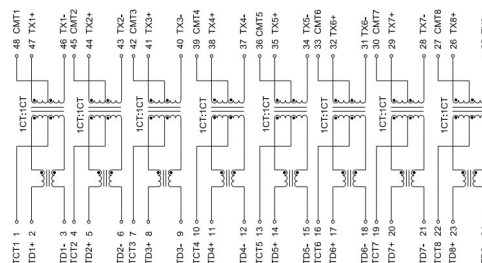
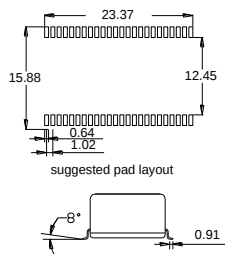
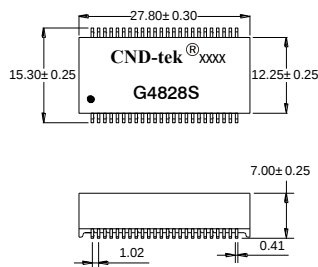


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3at standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-span and Mid-span POE+ Applications 720mA Current Capacity Per POE Port
6. Operating Temperature range: -40℃ TO +85℃
7. storage temperature range: -40℃ TO +125℃



DIMENSIONS & SCHEMATICS

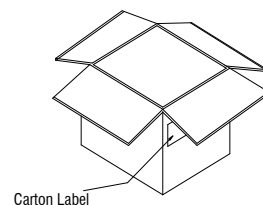
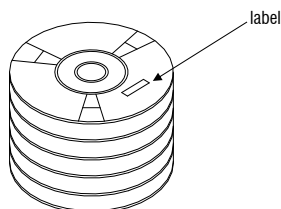
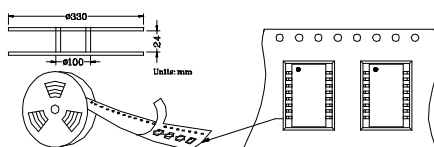


Note: 1、Dimension: mm, 2.Unless otherwise specified,tolerances are: $\pm 0.15\text{mm}$

TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 100mV with 15mA DC Bias
Leakage	0.5 μH Max. @ 100KHz, 0.1V
Inductance: Cw/w:	30pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio($\pm 5\%$):	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:	-1.2dB Max. @0.5-1MHz -0.2-0.002*f ^ 1.4 dB Max @1-125MHz
Return Loss:	-16 dB Min. @ 1-40MHz -10+20*log (f/80) dB Min. @ 40 MHz-100M
Cross Talk:	-30dB Min.@ 1-100 MHz
Common Mode Rejection :	-30 dB Min.@ 1-100 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:300PCS
2. reel/carton:5PCS
3. units/carton :1500PCS

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