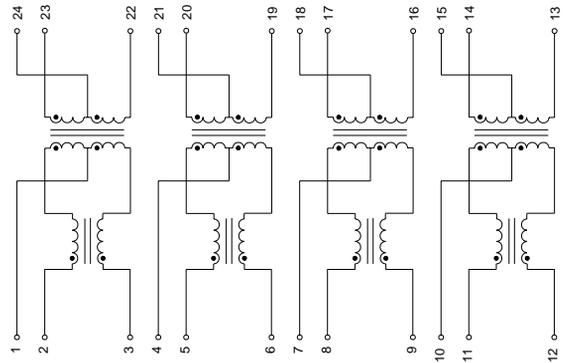
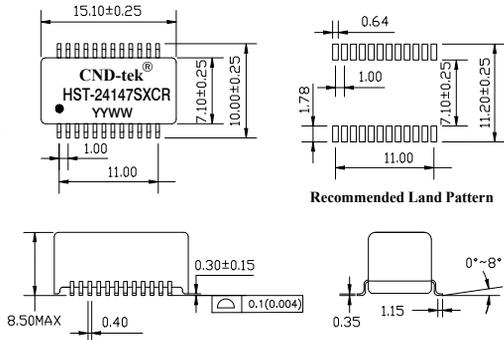


100/1000M POE+ Single Port Transformer Module

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 802.3bt standard for 1000 Base-T
5. Suitable For End-span and Mid-span POE++ Applications 1100mA Current Capacity
6. Operating Temperature range: -40°C TO +85°C
7. Storage temperature range: -40°C TO +125°C



DIMENSIONS & SCHEMATICS

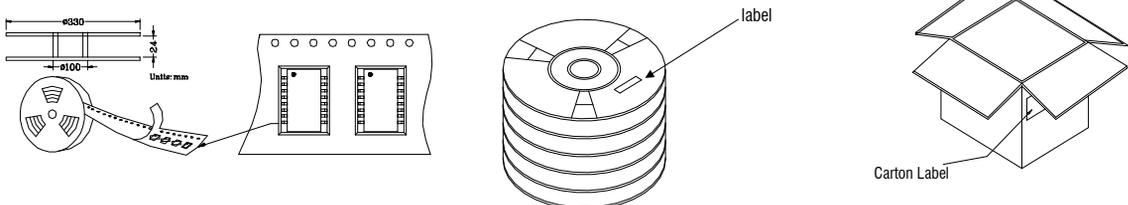


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ± 0.15mm

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|--|
| OCL : | 350 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias |
| Leakage | 0.5 μ H Max. @ 100KHz, 0.1V |
| Inductance: Cw/w: | 28pF Max. @ 100KHz, 0.1V |
| DCR: | 1.40 Ω Max. |
| Turns Ratio(±5%): | 1CT:1CT(TX), 1CT:1CT(RX) |
| Polarity: | 2-23, 5-20, 8-17, 11-14 In-Phase |
| Insertion Loss: | -1.0 dB Max. @0.3-100MHz |
| Return Loss: | -18dB Min. @ 1-30MHz -14dB Min. @ 30-60 MHz -12dB Min. @ 60-80 MHz -10dB Min. @ 80-100 MHz -30 dB Min. @ 1-100 MHz |
| Cross Talk: | -30 dB Min. @ 1-100 MHz |
| Common Mode Rejection : | -30 dB Min. @ 1-100 MHz |
| Isolation HI-POT: | 1500Vrms 2mA 60Second |

PACKING SPECIFICATION



1. units/reel:300PCS
2. reel/carton:5PCS
3. units/carton :2000PCS

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