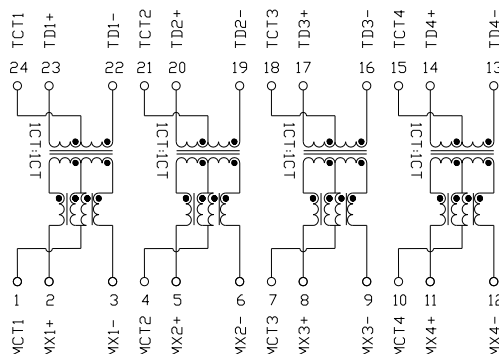
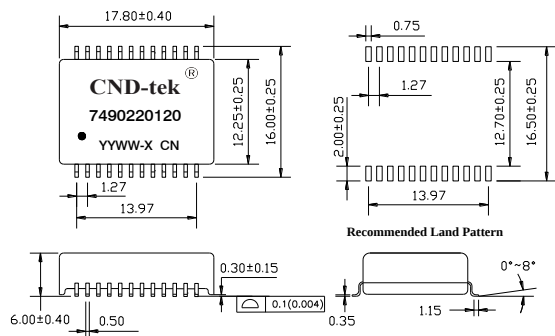


1. Designed for long haul Gigabit Ethernet 1000 Base-T, full duplex applications.
2. Supports four pairs of category 5 UTP cable.
3. Cable interface for isolation and low common mode emissions
4. Compliant with IEEE 802.3bt standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-span and Mid-span POE++ Applications 1200mA Current Capadility Per POE Port
6. Operating Temperature range: -40℃ TO +85℃
7. torage temperature range: -40℃ TO +125℃



DIMENSIONS & SCHEMATICS

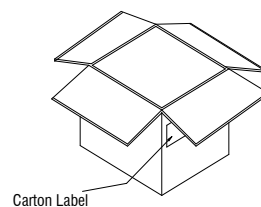
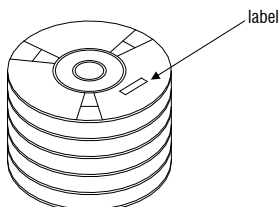
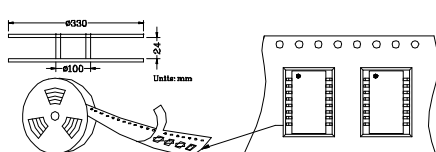


Note: 1. Dimension: mm, 2. Unless otherwise specified, tolerances are: ±0.25mm

TECHNICAL SPECIFICATIONS

OCL :	120 μ H Min. @ 100 KHz, 100mV with 28mA DC Bias
Leakage	0.25 μ H Max. @ 100KHz, 0.1V
Inductance: Cw/w:	25pF Max. @ 100KHz, 0.1V
DCR:	0.65 Ω Max.
Turns Ratio($\pm$ 2%):	1CT:1CT
Insertion Loss:	-1.2 dB Max. @ 0.1MHz
Return Loss:	-0.2-0.002*f ^{~1.4} dB Max@ 1-125MHz -16 dB Min.@ 1-40 MHz -10+20*log ₁₀ (f/80)dB Min@ 40-100 MHz
Cross Talk:	-50dB Min. @ 1MHz -55+22*log ₁₀ (f/10)dB Min@ 10-100 MHz
Common Mode Rejection :	-50 dB Min.@ 2MHz -15+20*log ₁₀ (f/200)dB Min@ 30-200 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second

PACKING SPECIFICATION



1. units/reel:420PCS
2. reel/carton:5PCS
3. units/carton :2100PCS

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

Shenzhen magnetic Lianda Electronics Co., LTD

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