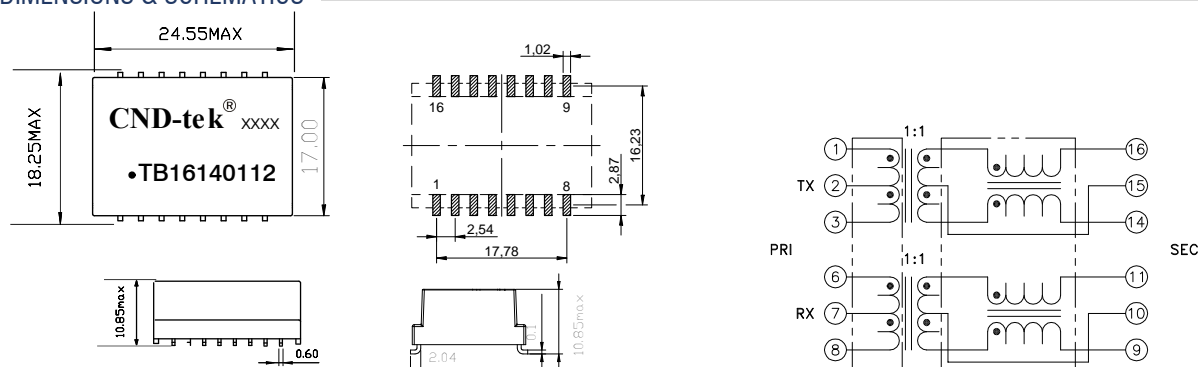


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3at standard including baseline wander compensation specification of 350 $\mu$ H OCL when Biased at 8mA
3. Designed to comply with the following requirements as defined by IEC60950-1: Reinforced insulation at a working volatage of 250Vrms.
4. Designed to comply with 10mm min.creepage and 7mm min. clearance as defined by IEC60601-1;2006
5. Operating Temperature range: -40 $^{\circ}$ C TO +85 $^{\circ}$ C
6. Storage temperature range: -40 $^{\circ}$ C TO +125 $^{\circ}$ C



## DIMENSIONS & SCHEMATICS

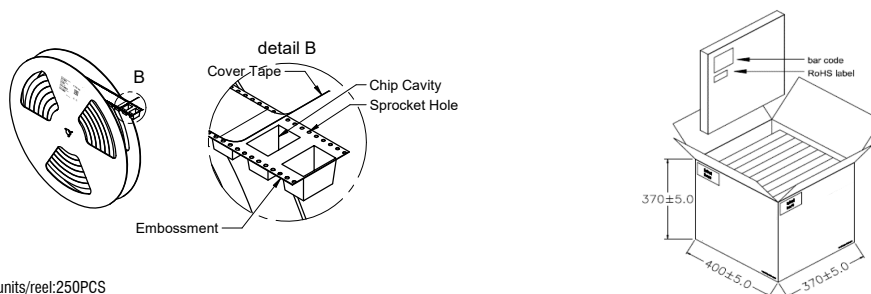


All 16 terminals must lie on a plane within .004mm of surface a after lead tinning

## TECHNICAL SPECIFICATIONS

Inductance :	350 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias Lp(16-14) 350 $\mu$ H Min. @ 100 KHz, 100mV with 8mA DC Bias Lp(11-9)
Turns Ratio( $\pm$ 2%):	1CT:1CT,(1-3):(16-14) 1CT:1CT,(6-8):(11-9)
Insertion Loss:	-1.5dB Max. @ 0.1M-100MHz
Return Loss:	-18dB Min. @ 0.5M-30MHz -15 dB Min. @ 30-45 MHz -13 dB Min.@ 45-60 MHz -10dB Min.@ 60-80 MHz
Cross Talk:	-40 dB Min.@ 1-100 MHz
Isolation HI-POT:	6000Vrms 1mA 60Second,7200Vrms 1mA 3Second

## PACKING SPECIFICATION



1. units/reel:250PCS
2. reel/carton:5PCS
3. units/carton :1250PCS

Shenzhen magnetic Lianda Electronics Co., LTD

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