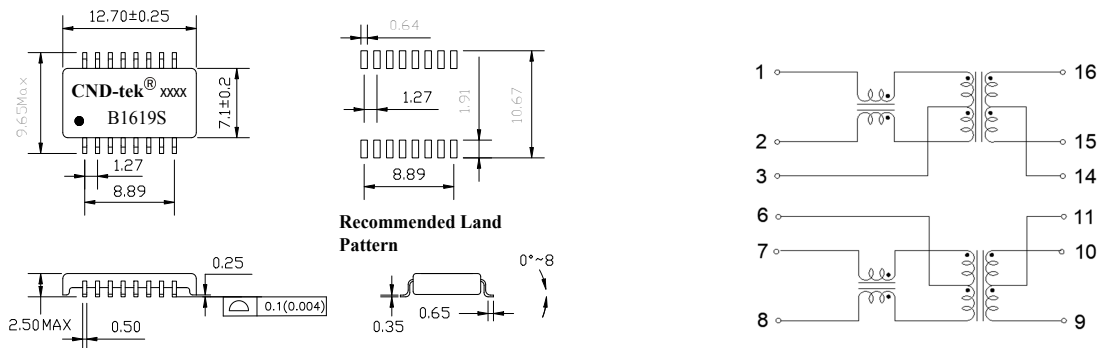


1. Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
2. Compliant with IEEE 802.3ab standard including baseline wander compensation specification of 350 μ H OCL when Biased at 8mA
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Single channel interface for 10/100Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
5. Operating Temperature range: 0 $^{\circ}$ C TO +70 $^{\circ}$ C
6. Storage temperature range: -25 $^{\circ}$ C TO +125 $^{\circ}$ C



DIMENSIONS & SCHEMATICS

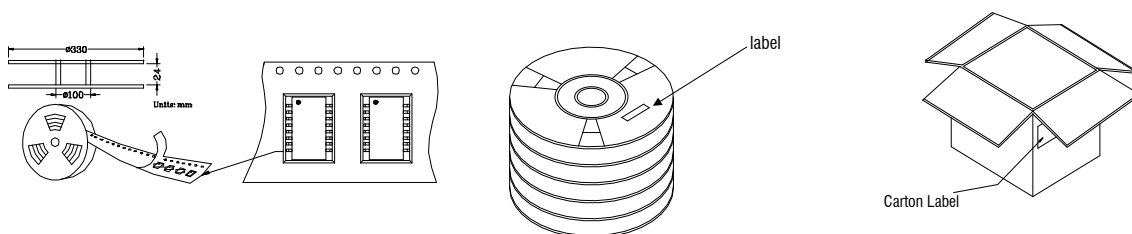


Note: 1、Dimension: mm, 2.Unless otherwise specified,tolerances are: ± 0.15 mm

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:	1.20 Ω Max.
Turns Ratio($\pm 5\%$):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-16, 6-11 In-Phase
Insertion Loss:	-1.1 dB Max. @ 1-100MHz
Return Loss:	-20dB Min. @ 30MHz -14 dB Min. @ 60 MHz -11.5 dB Min.@ 80 MHz
Cross Talk:	-45 dB Min.@30 MHz -40 dB Min.@ 60 MHz -35 dB Min.@100 MHz
Common Mode Rejection :	-42 dB Min.@ 1-30 MHz -35 dB Min.@ 60 MHz -30 dB Min.@ 80-100 MHz
Isolation HI-POT:	1500Vrms 1mA 1Second

PACKING SPECIFICATION



1. units/reel:2000PCS
2. reel/carton:5PCS
3. units/carton :10000PCS

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