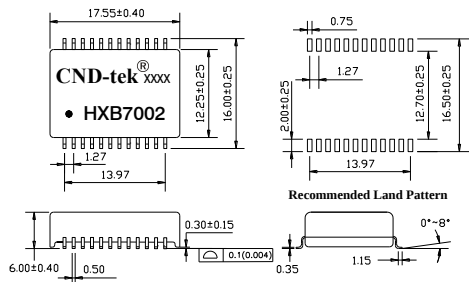


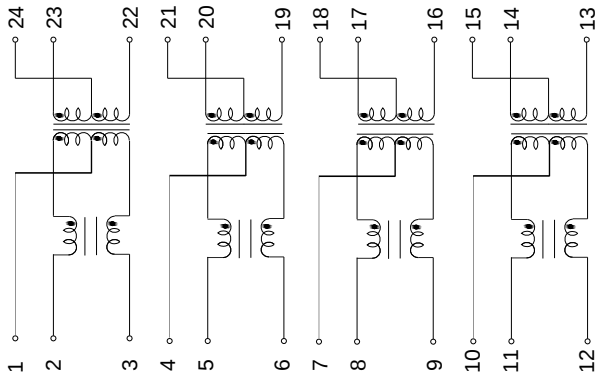
1. Designed for long haul 10G POE+ Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emission .
- 3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3an&at. standard for 10G Base-Z,Designed to support 1:1 Turns Ratio Transceivers.
5. DC Line Current : 720mA Max @ 57V



DIMENSIONS & SCHEMATICS



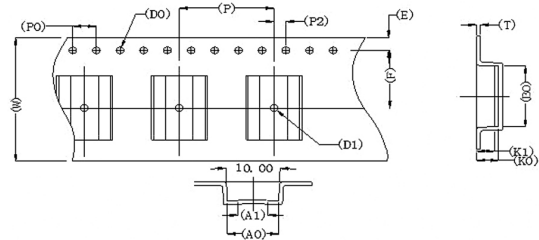
- Note:
1. Dimension: mm
 2. Unless otherwise specified,all tolerances are: ±0.15mm



TECHNICAL SPECIFICATIONS

OCL :	160 μ H Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.35 μ H Max. @ 100KHz, 0.1V
Cw/w:	35 pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max
Turns Ratio($\pm$ 5%):	1CT:1 (TX), 1CT:1 (RX)
Insertion Loss:	-1.0 dB Max. @ 1-300MHz
	-2.0dB Max. @ 400MHz
Return Loss:	-3.0 dB Max. @ 500MHz
	-20dB Min. @ 1-100MHz
	-18dB Min.@ 200MHz
	-15 dB Min.@ 300 MHz
	-10 dB Min.@ 400 MHz
Cross Talk:	-8 dB Min.@ 500 MHz
	-40 dB Min.@ 1-100 MHz
	-30 dB Min.@ 100-500 MHz
Common Mode Rejection :	-35 dB Min.@ 1-100 MHz
	-30 dB Min.@ 100-300 MHz
	-25 dB Min.@ 300-500 MHz
Isolation HI-POT:	1500Vrms
Operating Temperature range:	-40 $^{\circ}$ C $\rightarrow$ +85 $^{\circ}$ C
Storage temperature range:	-40 $^{\circ}$ C $\rightarrow$ +125 $^{\circ}$ C

PACKING SPECIFICATION



1. units/reel:400PCS
- 2 reel/carton:5PCS
- 3.units/carton :2000PCS

