CND-tek
磁联达

L22B006-0 T-CND

10G Single Port Transformer Module

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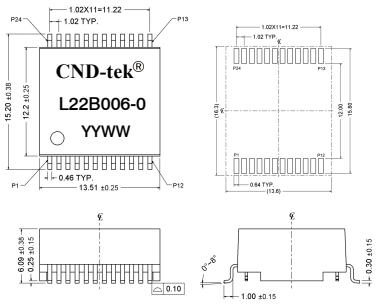
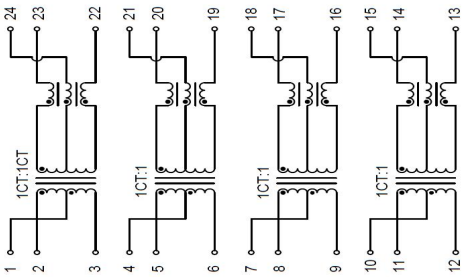
1. Designed for long haul 10G Single Port Transformer Module
2. Supports four pairs of category 5 UTP cable,Cable interface for isolation and low common mode emissions.
3 . Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process
4. Compliant with IEEE 802.3an standard for 10G Base-Z,Designed to support 1:1 Turns Ratio Transceivers.

DIMENSIONS & SCHEMATICS



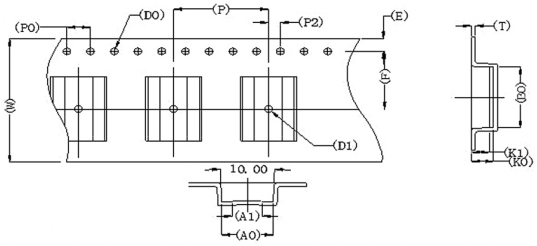


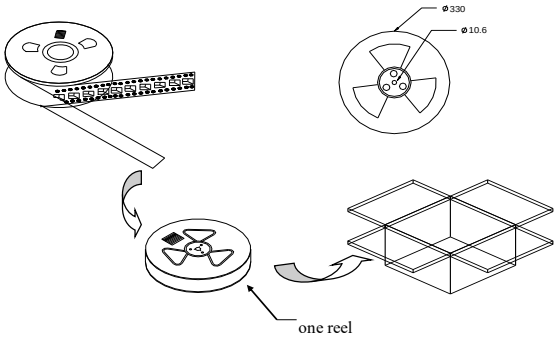
Note：1、Dimension：mm
2、Unless otherwise specified,all tolerances are：±0.15mm

TECHNICAL SPECIFICATIONS

OCL :	160 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage Inductance:	0.50 μH Max. @ 100KHz, 0.1V
DCR:	1.20Ω Max
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Insertion Loss:	-0.55dB Max. @ 1MHz -0.55dB Max. @ 5MHz -0.77dB Max. @ 200MHz -1.41 dB Max. @400MHz
Return Loss:	-20dBMin.@1MHz) -20dBMin.@100MHz -18dBMin.@200MHz -15dBMin.@300MHz -10dBMin.@400MHz -8dBMin.@500MHz
Cross Talk:	-34dB Min.@1MHz -23 dB Min.@ 350 MHz -23 dB Min.@ 500 MHz
Common Mode Rejection :	- 30 dB Min.@ 1-100 MHz -25 dB Min.@ 100-300 MHz - 20 dB Min.@ 300-500 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second or 1800VAC 1mA 1S
Storage temperature range:	-40℃～+85℃
Operating Temperature range:	-40℃～+125℃

PACKING SPECIFICATION





1. units/reel:500PCS
2 reel/carton:5PCS
3.units/carton :2500PCS