CND-tek
磁联达

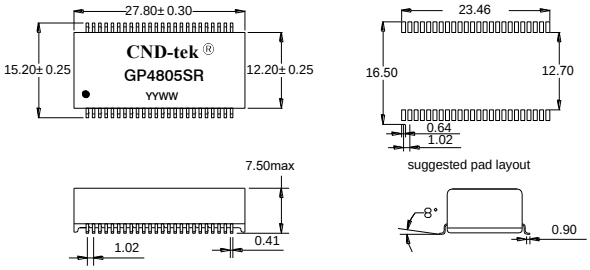
GP4805SR T-CND

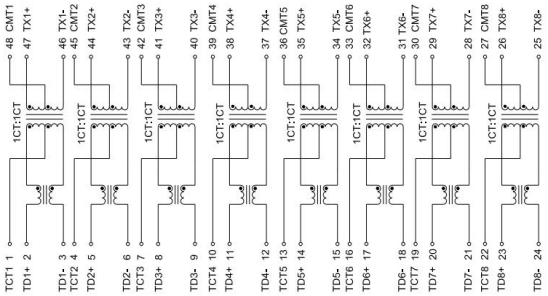
EN

100/1000M POE+ Double Port Transformer Module

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 802.3at standard for 1000 Base-Tesigned to support 1:1 Turns Ratio Transceivers.
5. Suitable For End-apan and Mid-span POE+ Applications 720mA Current Capadility Per POE Port
6. Operating Temperature range: -40℃ TO +85℃
7. torage temperature range: -40℃ TO +125℃

DIMENSIONS & SCHEMATICS



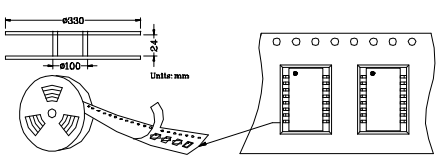


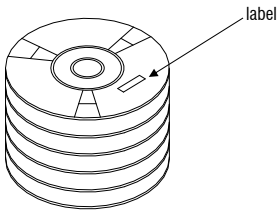
Note: 1、Dimension：mm, 2.Unless otherwise specified,tolerances are: ± 0.15mm

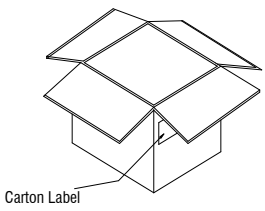
TECHNICAL SPECIFICATIONS

OCL :	350 μH Min. @ 100 KHz, 100mV with 8mA DC Bias
Leakage	0.5 μH Max. @ 100KHz, 0.1V
Inductance: Cw/w:	30pF Max. @ 100KHz, 0.1V
DCR:	1.20 Ω Max.
Turns Ratio(±5%):	1CT:1CT(TX), 1CT:1CT(RX)
Polarity:	1-48,4-45,7-42,10-39, 13-36,16-33,19-30,22-27 In-Phase
Insertion Loss:	-1.2 dB Max. @ 0.5-1 MHz
Return Loss:	-0.2-0.002*f ^ 1.4 dB Max @1-125MHz -16 dB Min. @ 1-40MHz -10+20*log（f/80） dB Min @ 40-100MHz
Cross Talk:	-30 dB Min.@ 1-100MHz
Common Mode Rejection :	- 30dB Min.@ 1-100 MHz
Isolation HI-POT:	1500Vrms 1mA 60Second

PACKING SPECIFICATION







1. units/reel:300PCS
2. reel/carton:5PCS
3. units/carton :1500PCS

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