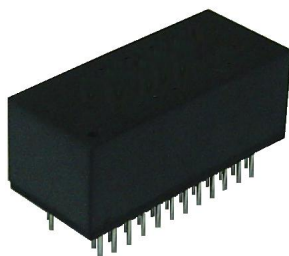


LAN COMPONENTS

1000 Base-T Dual port LAN Transformer Module MODEL NO:GT4807D



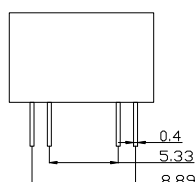
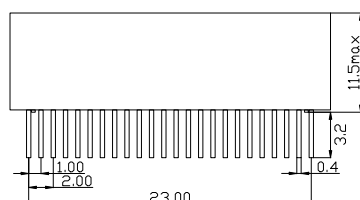
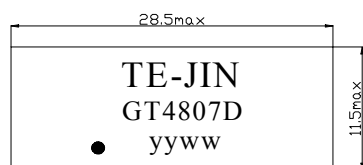
Feature :

Designed to meet IEEE802.3at requirement
Wave solder conditions:Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)
Primary inductance(Lp):350uH Min (100KHz ,100mV ,8mA)
Suitable for End-span POE apply with 720mA current capability
Storage Temperature range:-25 $^{\circ}\text{C}$ To +125 $^{\circ}\text{C}$
HI-POT:1500Vrms 1mA

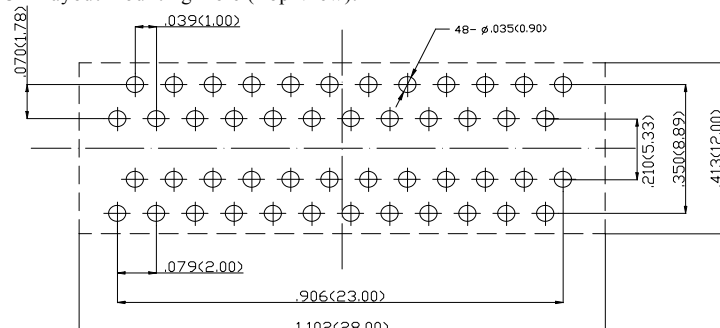
Electrical Specifications at 25 $^{\circ}\text{C}$ — Operating Temprange: -40 $^{\circ}\text{C}$ To +85 $^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 5\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 0.1~100(MHz)	Return loss (dB TYP) 0.5-30/40/50/60-80(MHz)	CMRR (dB TYP) 0.1~100(MHz)
GT4807D	1:1 1CT:1CT	-1.4	-38	-16/-14.4/-13.1/-12	-40

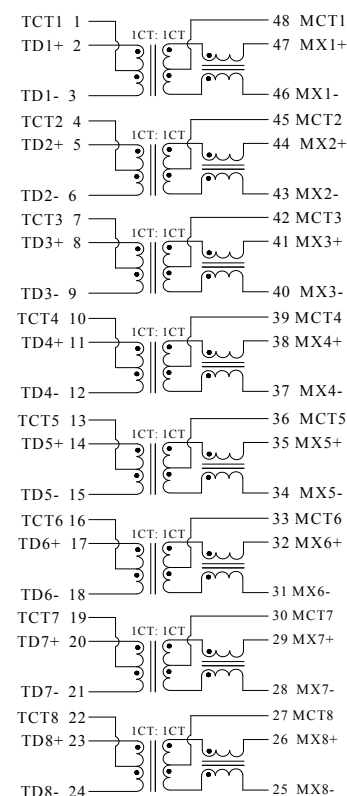
Dimension: mm



PCB Layout mounting Hole (Top View):



Schematics:



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are $\pm 0.25\text{mm}$

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