

1000 Base-T Dual port LAN Transformer Module MODEL NO:GT4801D



Feature :

Designed to meet IEEE802.3ab requirement

Wave solder conditions: Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6 Sec.

Primary inductance(Lp):350uH Min. 100KHz, 100mV, 8mAdc

Operate Temperature: 0 to $+70^{\circ}\text{C}$

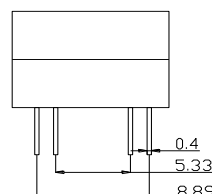
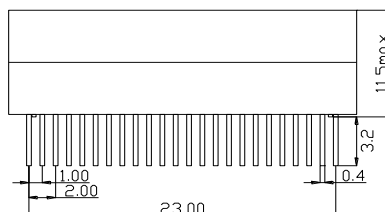
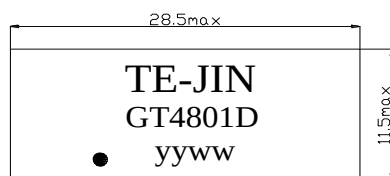
Storage Temprange: -25°C To $+125^{\circ}\text{C}$

HI-POT:1500Vrms

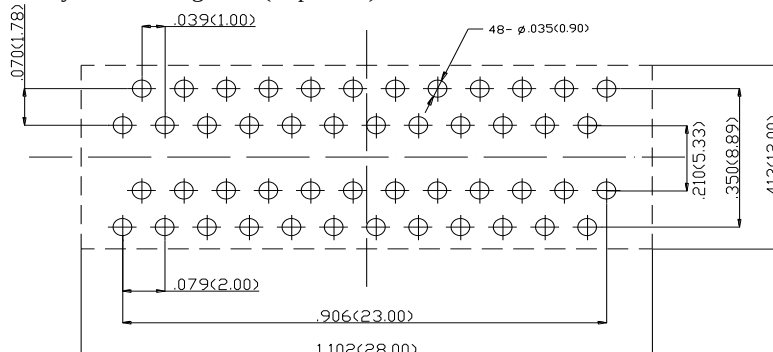
Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 3\%$)	Insertion Loss (dB Max.) 1-100MHz	Cross talk (dB Min.) 0.1~ 100MHz	Return loss (dB Min.) 1-40/40-80/100MHz	CMRR (dB Min.) 0.1~100MHz
GT4801D	1CT:1CT	-1.0	-30	-16/-10+20log(f/80)/-10	-30

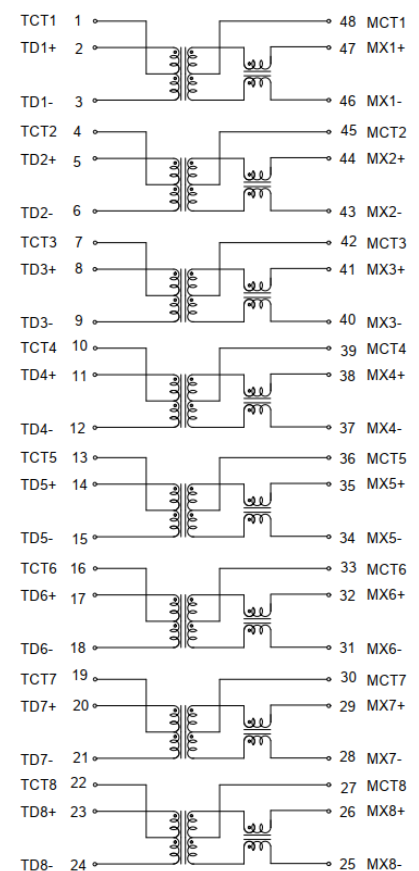
Dimension: mm



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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