

1000 Base-T Single port LAN Transformer Module MODEL NO:GT2401D



Feature :

Designed to meet IEEE802.3ab requirement

Wave solder conditions: Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)

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

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

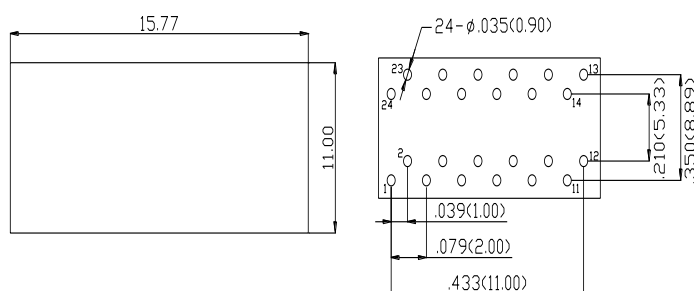
Storage Temprange: -25°C to $+125^{\circ}\text{C}$

HI-POT:1500Vrms 1mA

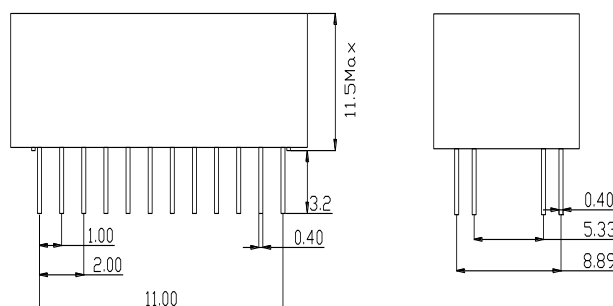
Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 5\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 0.3~30 /60~100(MHz)	Return loss (dB TYP) 0.5-30/40/50/60-80(MHz)	CMRR (dB TYP) 0.1~100(MHz)
GT2401D	1CT:1CT	-1.0	-42 / -33	-18/ -15/ -13.1/ -12	-30

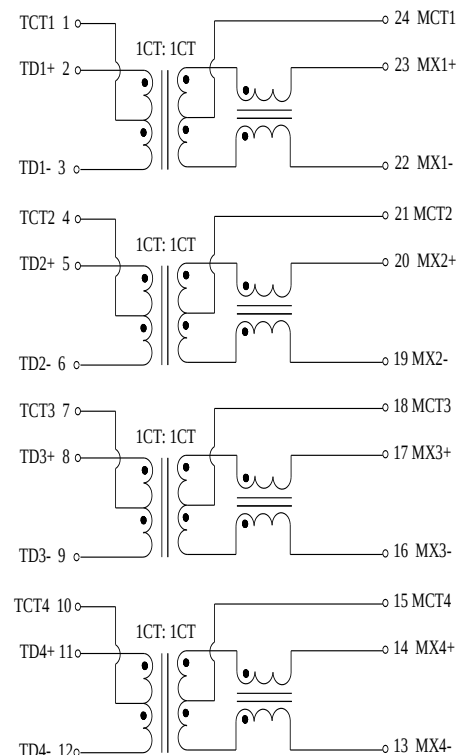
Dimension: mm



SUGGESTED PAD LAYOUT



Schematics:



Data sheet subject to change without notice

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

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