

1000 Base-T Dual port LAN Transformer Module MODEL NO:GT9001D



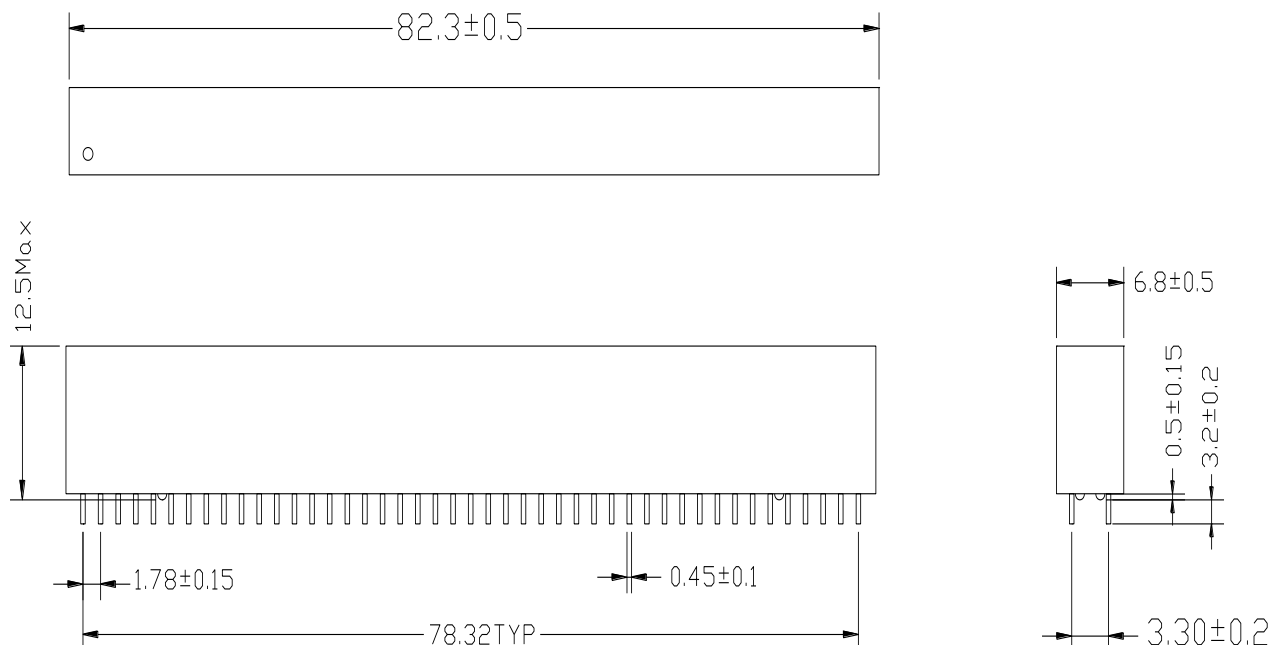
Feature:

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(L_p): 350uH Min. 100KHz, 100mV, 8mA dc
Operate Temperature: 0 to $+70^{\circ}\text{C}$
Storage Temperature range: -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 ($\pm 3\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 1~100(MHz)	Return loss (dB TYP) 30/60/80(MHz)	DCMR (dB TYP) 1~100(MHz)
GT9001D	1CT:1CT	-1.1	-30	-18/ -14/ -12	-30

Dimension: mm



Data sheet subject to change without notice

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

Schematics:

