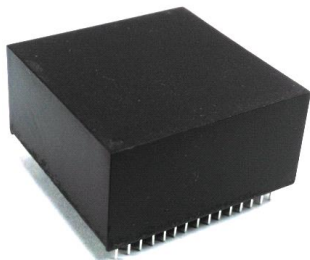


10/100/1000 Base-T Quad port LAN Transformer Module MODEL NO:GT8801D



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°C

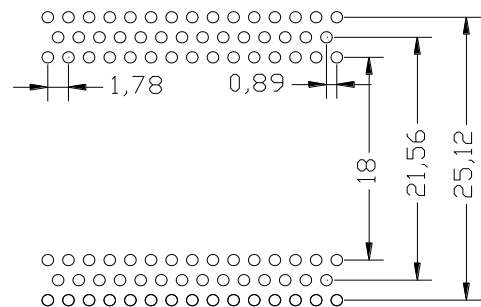
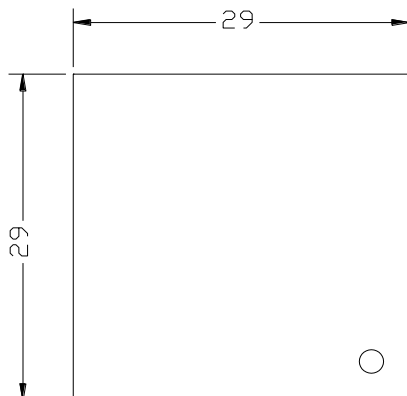
Storage Temperature range: -25°C To $+125^{\circ}\text{C}$

HI-POT:1500Vrms 1mA

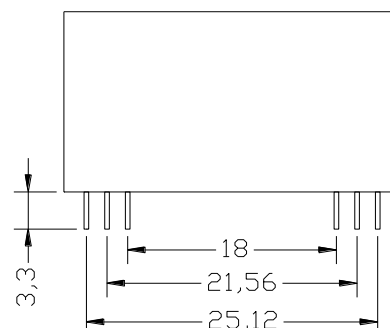
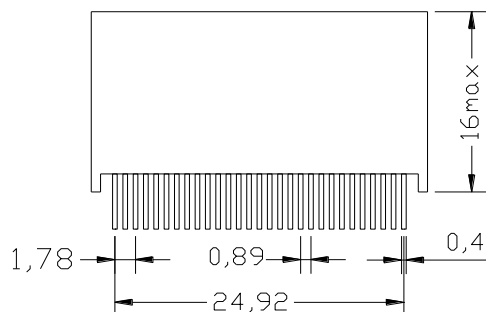
Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 3\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 30/60/100(MHz)	Return loss (dB TYP) 1~30/40/50/60~80/100(MHz)	CMRR (dB TYP) 30/60/100(MHz)
GT8801D	1CT:1CT	-1.0	-40/-35/-30	-16/-14/-12/-12/-10	-40/-35/-30

Dimension: mm



SUGGESTED PCB LAYOUT



Data sheet subject to change without notice

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

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Schematics:

