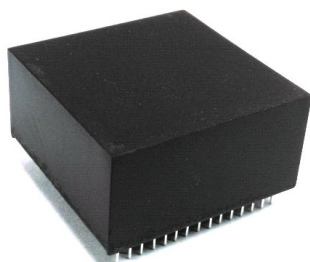


1000 Base-T Quad port LAN Transformer Module MODEL NO:GT8804D



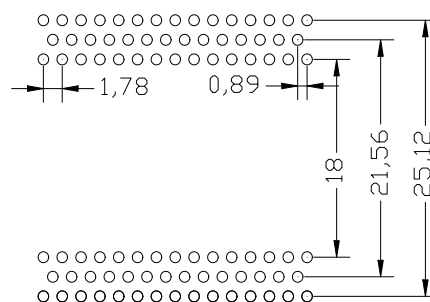
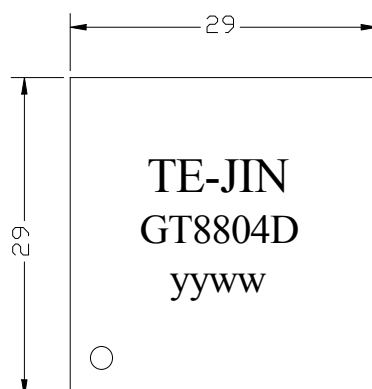
Feature :

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)
POE applications with 720mA current capability
Storage Temperature range:-25 $^{\circ}\text{C}$ To +125 $^{\circ}\text{C}$
HI-POT:1500Vrms 1mA

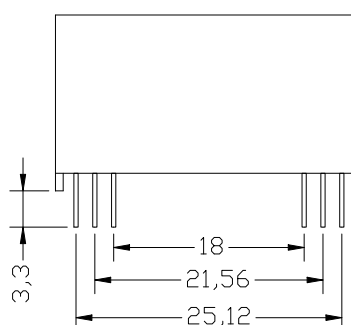
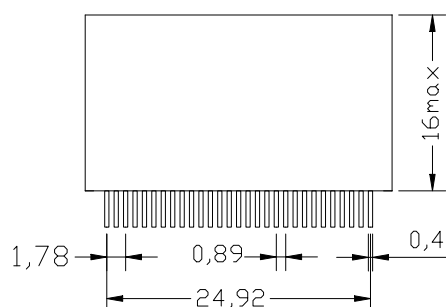
Electrical Specifications at 25 $^{\circ}\text{C}$ — Operating Temprange: -40 $^{\circ}\text{C}$ To +85 $^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 5\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 30/60/100(MHz)	Return loss (dB TYP) 1~30/40/50/60~80/100(MHz)	CMRR (dB TYP) 30/60/100(MHz)
GT8804D	1:1 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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ADD: B1-2F,TangHong Industrial Zone ,Shi Jie Town, Dong Guan City, Guang Dong Province,China

Schematics:

