

LAN COMPONENTS

1000 Base-T Dual port LAN Transformer Module

MODEL NO:GT4807SG



Feature :

Designed for Gigabit Ethernet 100/1000Base-TX,full duplex applications
Supports 8 pairs of category 5 UTP cable
Meets all IEEE802.3at and ANSI X3.263 Standards
Suitable for End-span PoE 600mA current capability applications
Primary inductance(Lp):350μH Min (100KHz ,100mV ,8mA)

SMD Environmental : Designed to meet IR 260°C peak.

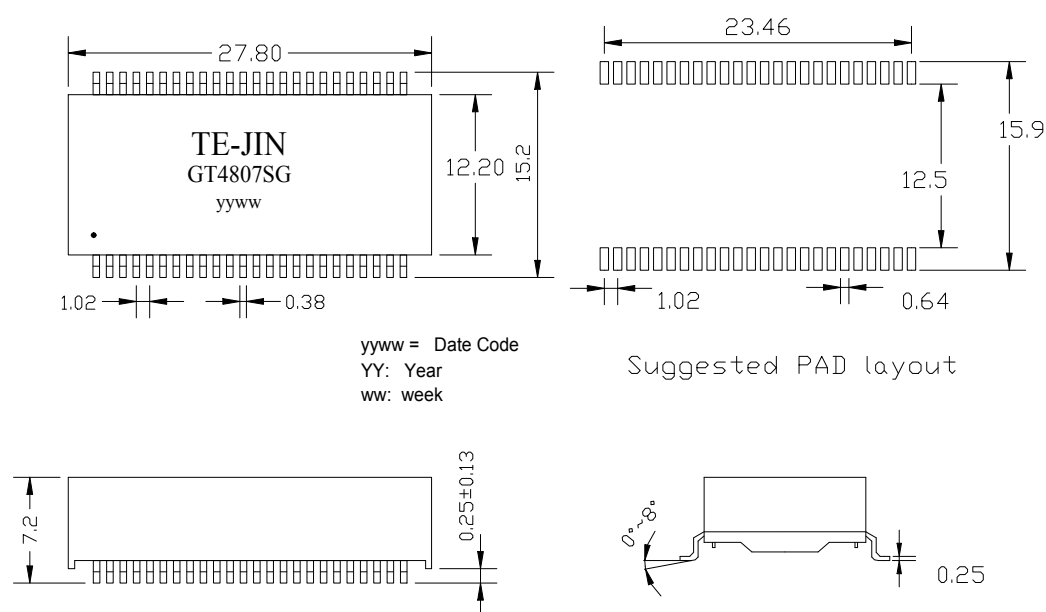
Storage Temperature range:-25°C To +85°C

HI-POT:1500Vrms 1mA

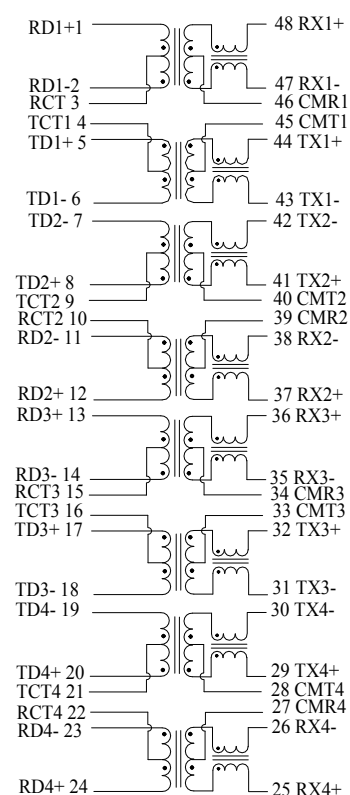
Electrical Specifications at 25°C — Operating Temprange: 0°C To +70°C

Part Number	Transformer Turns ratio (± 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)	DCMR (dB TYP) 30/ 60/ 100(MHz)
GT4807SG	1:1 1CT:1CT	-1.0	-40 / -35 / -30	-18/-16/-13.1/ -12/ -10	-43/-37/-33

Dimension: mm



Schematics:



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are ± 0.25 mm

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