

LAN COMPONENTS

1000 Base-T Single port LAN Transformer Module MODEL NO:GT2412SG



Feature:

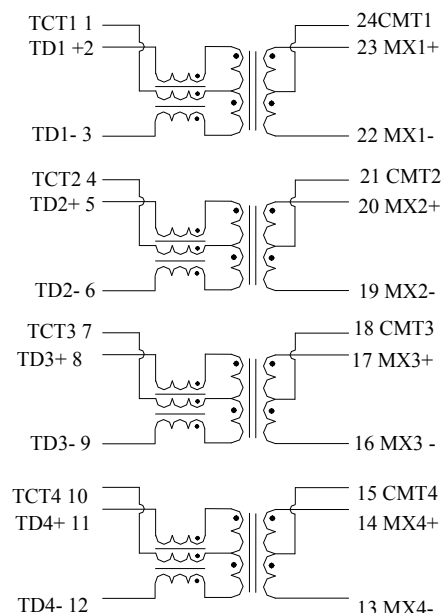
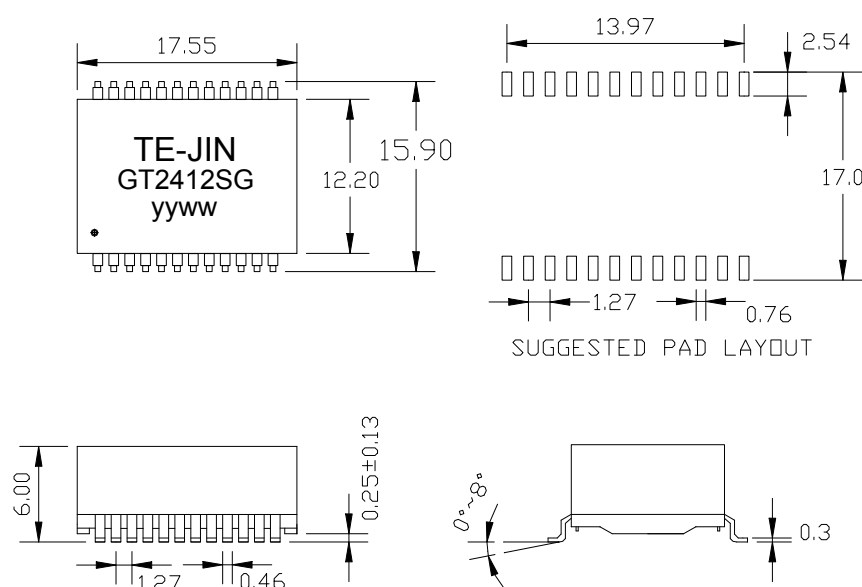
Designed for Gigabit Ethernet 1000Base-T,full duplex applications
Meets all IEEE802.3at requirement
Supports 4 pairs of category 5 UTP cable
SMD Environmental: Designed to meet IR 260°C peak.
Suitable for End-span POE applications with 720 mA current capability.
Comply with ROHS&Halogen free requirements.
Storage Temperature rang:-25°C To +125°C
HI-POT:1500Vrms 1mA

Electrical Specifications at 25°C — Operating Temprange: -40°C To +85°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) 0.3-30/40/50-80(MHz)	DCMR (dB TYP) 30/ 60/ 100(MHz)
GT2412SG	1:1 1CT:1CT	-1.2	-35 / -30	-16/ -13.5/ -10	-40/-35/-30

Dimension: mm

Schematics:



Data sheet subject to change without notice

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

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