

LAN COMPONENTS

1000 Base-T Single port LAN Transformer Module MODEL NO:GT2429SG



Feature:

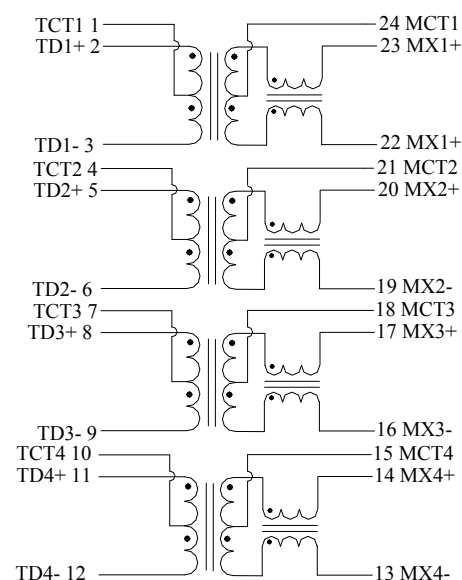
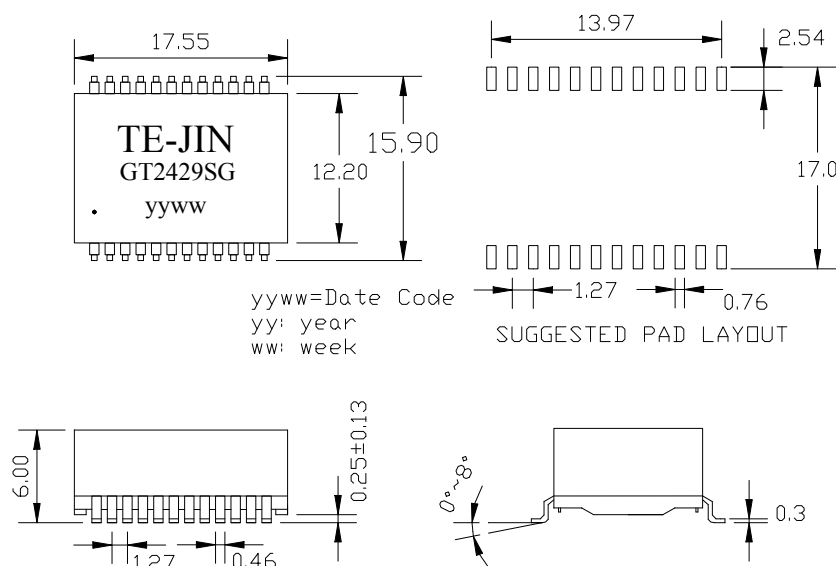
Designed for Gigabit Ethernet 1000Base-T, full duplex applications
Meets all IEEE802.3af Standards
Supports 4 pairs of category 5 UTP cable
SMD Environmental: Designed to meet IR 260°C peak.
Suitable for End-span POE applications with 350 mA current capability.
ROHS & Halogen free requirements.
Storage Temperature rang:-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 ($\pm 3\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 30/ 60/ 100(MHz)	Return loss (dB TYP) 1-30/30-50/50-60/60-100(MHz)	DCMR (dB TYP) 30/ 60/ 100(MHz)
GT2429SG	1:1 1CT:1CT	-1.0	-45 / -40 / -35	-18/ -14/ -12.5/ -10	-43/-37/-33

Dimension: mm

Schematics:



Data sheet subject to change without notice

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

TE-JIN TECHNOLOGY CO.,LTD

TEL:86-769-81802907

FAX:86-769-81803750

E-mail:gc@tejinww.com

ADD: B1-2F,TangHong Industrial Zone ,Shi Jie Town, Dong Guan City, Guang Dong Province,China