

LAN COMPONENTS

1000 Base-T Single port LAN Transformer Module MODEL NO:GT2441SG



Feature:

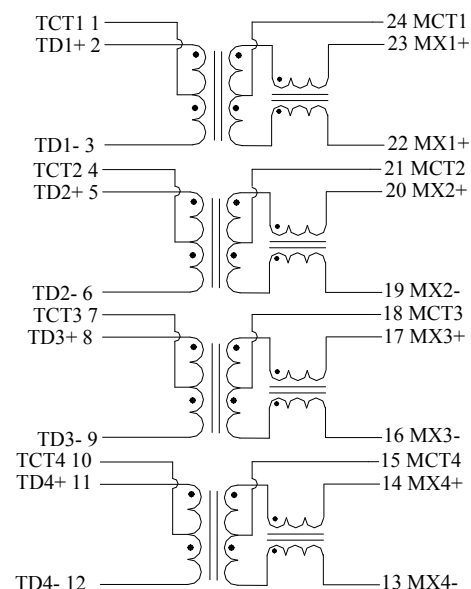
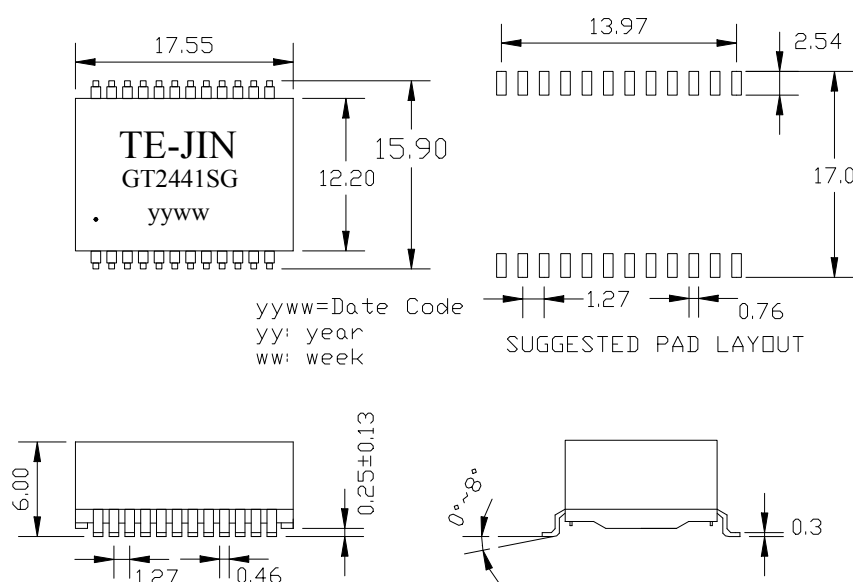
Designed for Gigabit Ethernet 1000Base-T, full duplex applications
Meets all IEEE802.3at and ANSI X3.263 Standards for 1000Base-T
Supports 4 pairs of category 5 UTP cable
SMD Environmental: Designed to meet IR 260°C peak.
Suitable for End-span POE applications with 720 mA current capability.
Comply with ROHS & Halogen free requirements.
Storage Temperature rang: -25°C To +85°C
HI-POT:1500Vrms 1Sec.

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)
GT2441SG	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 ± 0.25 mm

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