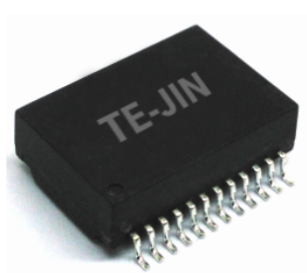


LAN COMPONENTS

2.5G Base-T Single port LAN Transformer Module

Model No: QT2401SG



Feature :

Meets all IEEE802.3 and ANSI X3.263 Standards for 2.5G Base-T

Supports 4 pairs of category 5 UTP cable

SMD Environmental: Designed to meet IR 260°C

Primary Inductance (L_p):150uH Min. 100KHz ,100mV ,8mAdc

Storage Temperature: -25°C to +125°C

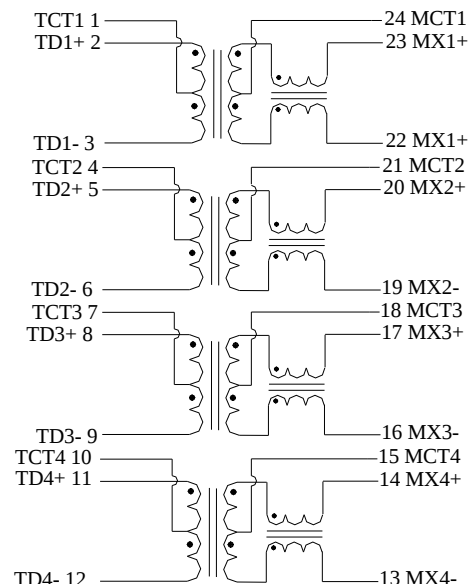
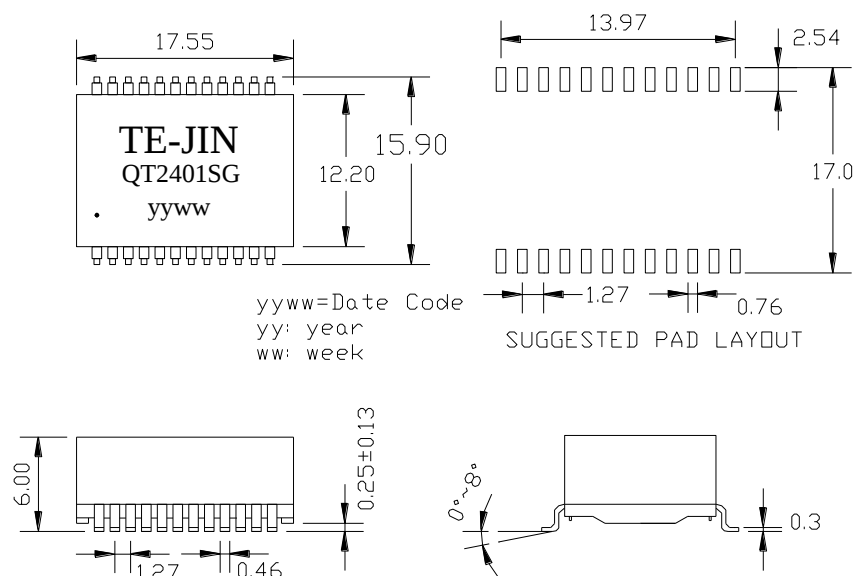
Isolation: 1500Vrms 1mA

Electrical Specifications at 25°C — Operating Temperature Range: -40°C To +85°C

Part Number	Transformer Turns ratio ±3%	Insertion Loss 1-125MHz dB Max.	Return Loss 1-40 / 40-125MHz dB Min.	Cross Talk 1-125MHz dB Min.	DCMR 1-125MHz dB Min.
QT2401SG	1CT:1CT	-1.0	-20 / -20+15*log(f/40)	-30	-30

Dimension: mm

Schematics:



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are ± 0.25 mm

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