

LAN COMPONENTS

2.5G Base-T Single port LAN Transformer Module

MODEL NO: QTP2412SG



Feature:

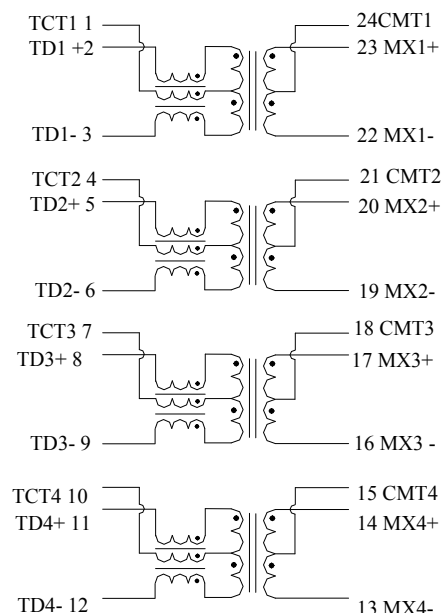
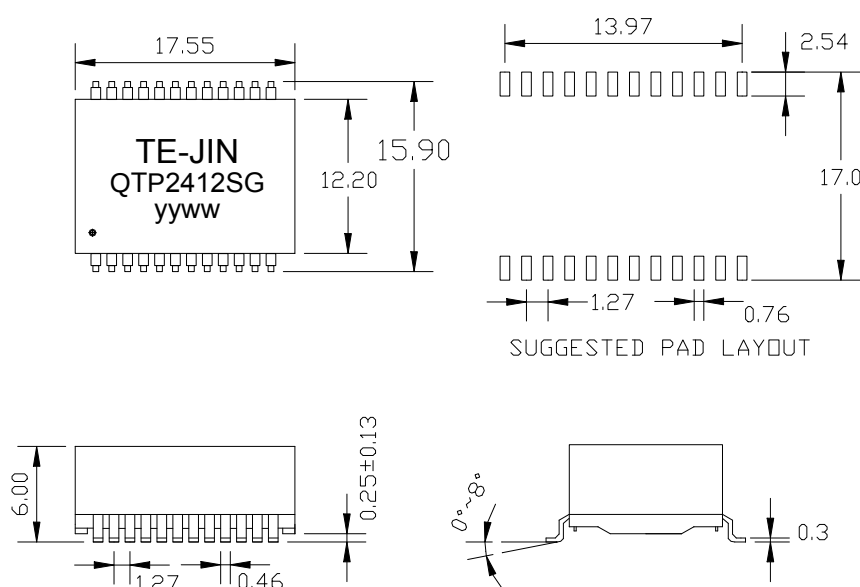
Designed for Gigabit Ethernet 2.5G Base-T, full duplex applications
 Meets all IEEE802.3at requirement
 Supports 4 pairs of category 5 UTP cable
 SMD Environmental: Designed to meet IR 260°C peak.
 Suitable for End-span PoE applications with 720 mA current capability.
 Comply with RoHS&Halogen free requirements.
 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 (± 3 %)	Insertion Loss 1-125MHz dB Max.	Return loss 1-40 / 40-125MHz dB Min.	Cross Talk 1-125MHz dB Mn.	DCMR 1-125MHz dB Mn.
QTP2412SG	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 ±0.25mm

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