

LAN COMPONENTS

2.5G Base-T Dual port LAN Transformer Module

MODEL NO: QT4802DG



Feature :

Designed to meet IEEE802.3 requirement

Wave solder conditions: Maximum temperature is 260°C ±5°C
time is 5~6 Sec.

Primary inductance (Lp): 150uH Min. 100KHz, 100mV, 8mAdc

Operate Temperature: -40 to +85°C

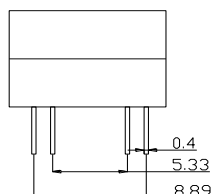
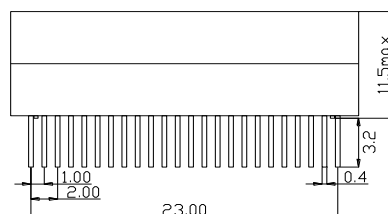
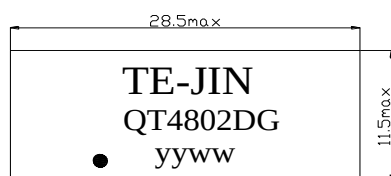
Storage Temperature range: -40°C to +85°C

HI-POT: 1500Vrms

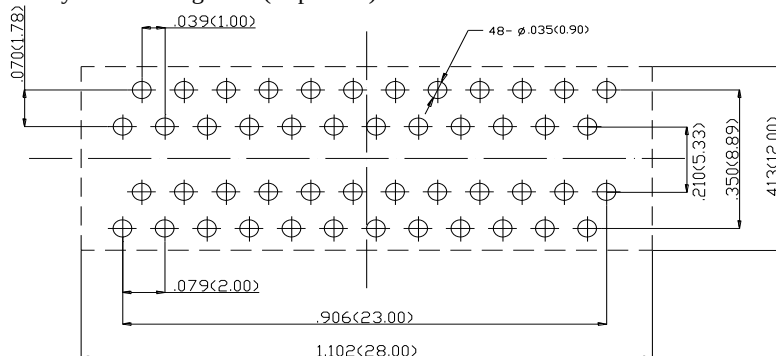
Electrical Specifications at 25°C — Operating Temprange: 0°C To +70°C

Part Number	Transformer Turns ratio (±5 %) Receive Transmit	Insertion Loss (dB Max.) 1-125 MHz	Crosstalk (dB Min.) 0.1~ 125MHz	Return loss (dB Min.) 1-40/40-125MHz	CMRR (dB Min.) 0.1~125MHz
QT4802DG	1CT:1CT	-1.1	-30	-17/-17+14*log(f/40)	-30

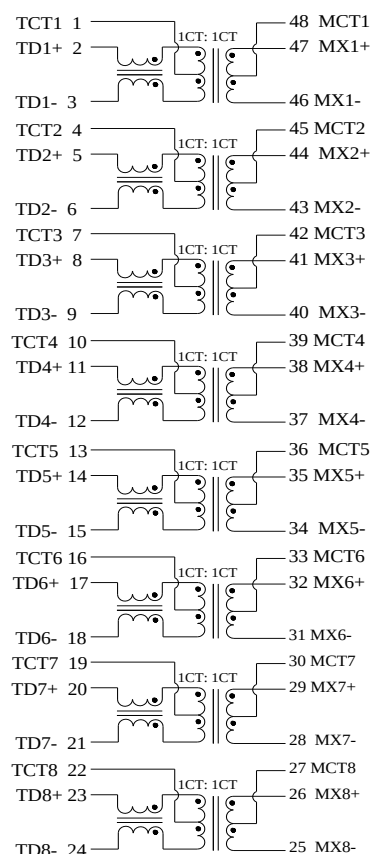
Dimension: mm



PCB Layout mounting Hole (Top View):



Schematics:



Data sheet subject to change without notice.

Unless otherwise specified, all tolerance are ±0.25mm

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