

2.5G Base-T Dual port LAN Transformer Module MODEL NO: QT4802D



Feature :

Designed to meet IEEE802.3 requirement

Wave solder conditions: Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6 Sec.

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

Operate Temperature: 0 to $+70^{\circ}\text{C}$

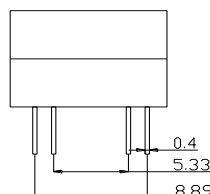
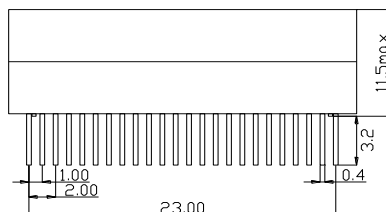
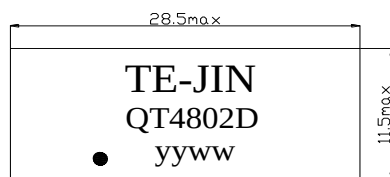
Storage Temperature range: -25°C to $+85^{\circ}\text{C}$

HI-POT: 1500Vrms

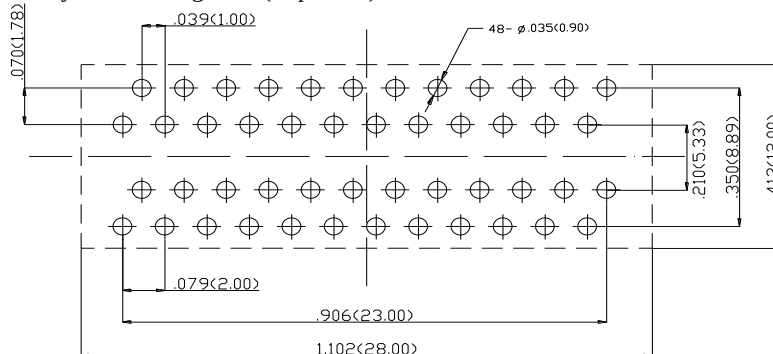
Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

Part Number	Transformer Turns ratio ($\pm 5\%$) 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
QT4802D	1CT:1CT	-1.1	-30	-17/-17+14*log(f/40)	-30

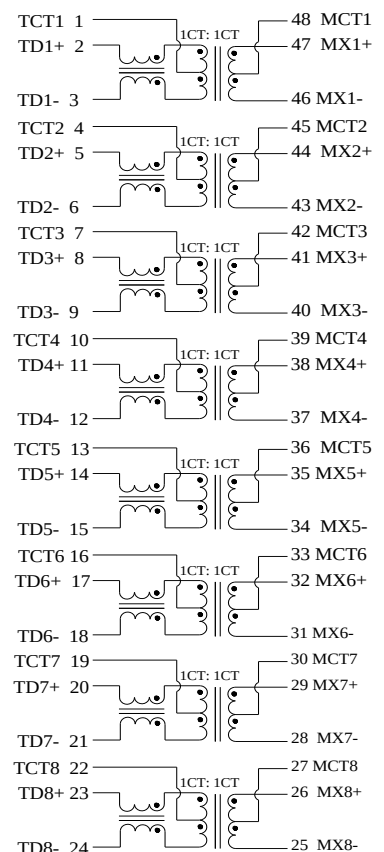
Dimension: mm



PCB Layout mounting Hole (Top View):



Schematics:



Data sheet subject to change without notice.

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

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