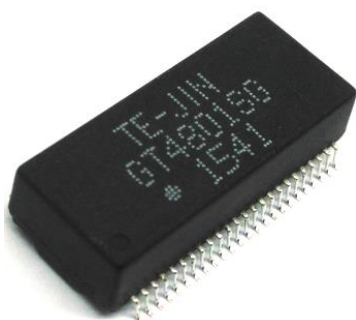


LAN COMPONENTS

1000 Base-T Dual port LAN Transformer Module

MODEL NO:GT4801SG



Feature :

Meets all IEEE802.3 and ANSI X3.263 Standards for 1000Base-T

Primary inductance (Lp):350uH Min (100KHz ,100mV ,8mAdc)

SMD Environmental : Designed to meet IR 260°C peak

Operate Temperature: 0 to 70°C

Storage Temperature:-25°C To +125°C

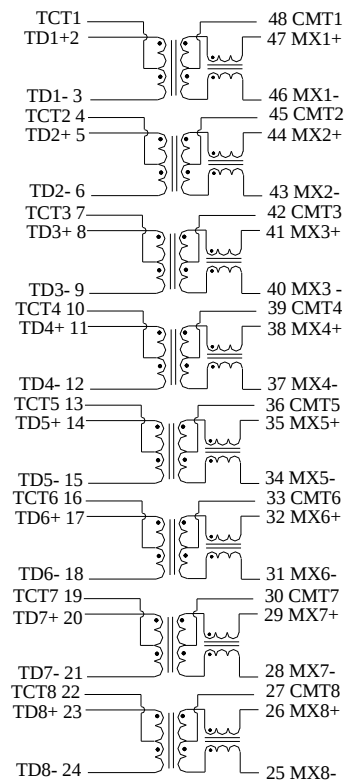
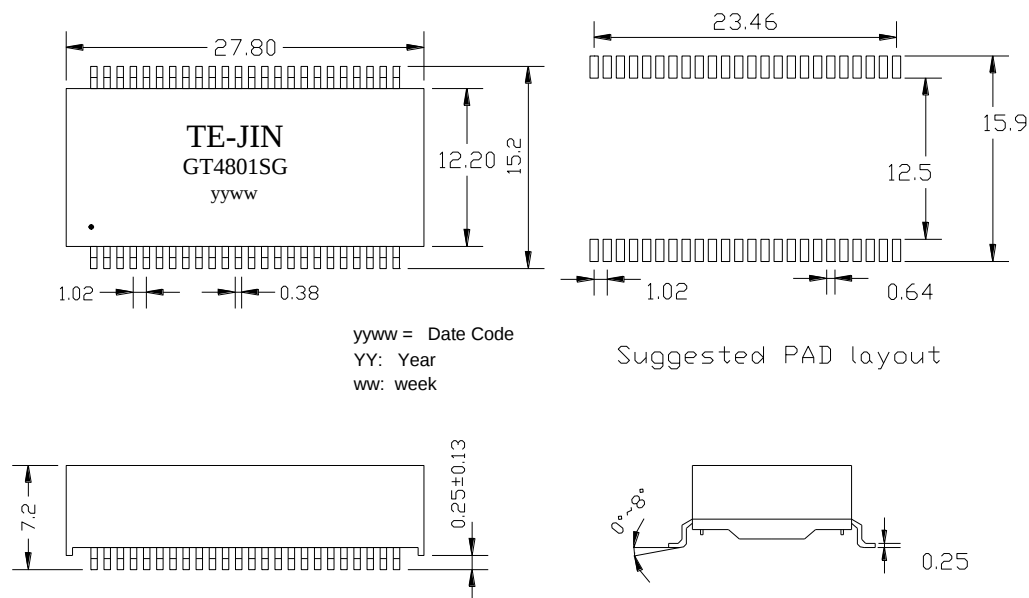
HI-POT:1500Vrms 1mA

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)
GT4801SG	1CT:1CT	-1.0	-40 / -35 / -30	-18/ -14/ -12.5/ -10	-43/-37/-33

Dimension: mm

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