

1000 Base-T Dual port LAN Transformer Module MODEL NO:GT5006SG



Feature :

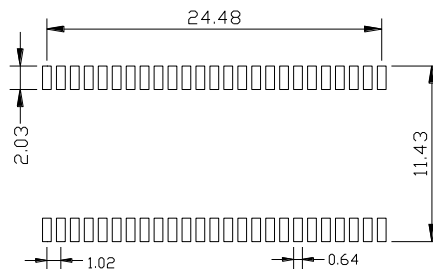
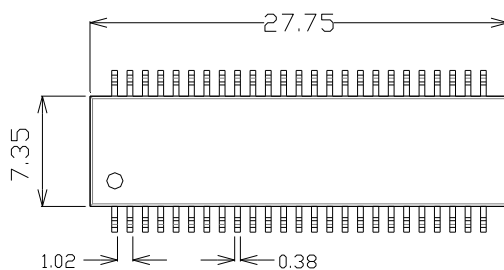
Meets all IEEE802.3 and ANSI X3.263 Standards for 1000Base-T
Primary inductance(Lp): 350uH Min (100KHz, 100mV, 8mAdc)
SMD Environmental: Designed to meet IR 260°C peak
Operate Temperature range: 0 to 70°C
Storage Temperature range:-25°C To +125°C
HI-POT:1500Vrms 1mA

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

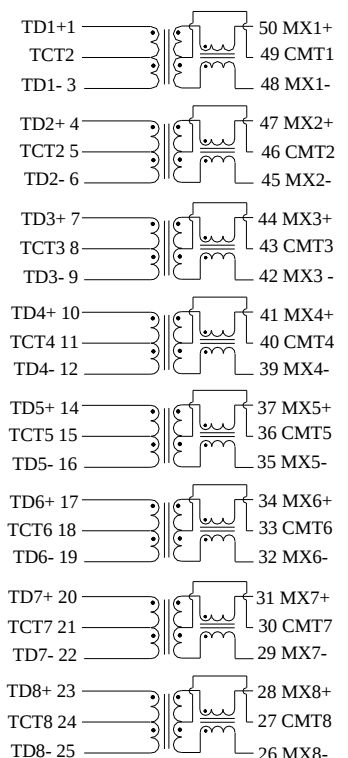
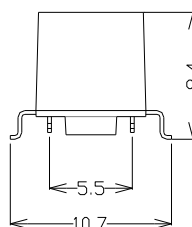
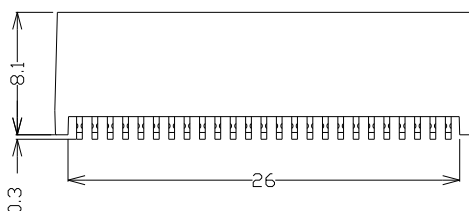
Part Number	Transformer Turns ratio ($\pm 3\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 30/60/100(MHz)	Return loss (dB TYP) 1-30/40-50/60-80/100(MHz)	DCMR (dB TYP) 1-60/60~100(MHz)
GT5006SG	1CT:1CT	-1.0	-40/-33/-28	-18/ -13.1/ -12/ -10	-40/-35

Dimension: mm

Schematics:



Suggested PAD layout



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are ± 0.25 mm

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