



10/100/1000 Gigabit SMD Transformers 4Channels



Designed for ADMtek、Altima、Broadcom、Davicom、Intel、Kendin Marvell、
NS TMI、RealtekChip Set

MODEL NO.: GT24-03S

Cross Reference No.: Pulse H5007

Operating Temprange 0°C To +70°C
Storage Temprange -25°C To +125°C

SMD Environmental: Designed to meet IR 235°C 1 minute

Designed for long gaul Gigabit Ethernet 100/1000Base-T,full duplex applications

Supports 4 pairs of category 5 UTP cable

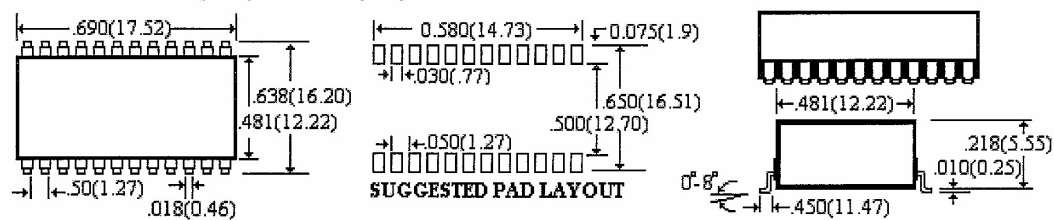
Meets all IEEE802.3 and ANSI X3.263 Standards for 1000Base-T

Specifications: AT25°C.

Primary induttance(LP) 350 μ H Min (100KHz ,100mV ,8mA)
Leakage inductance(LL) 0.3 μ H Max (100KHz ,100mV)
Primary Capacitance(Cww) 25.OPF Max(1MHz , 500mV)

Part Number	Transformer Turns ratio ($\pm 2\%$) 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)	CDMRR (dB TYP) 30/ 60/ 100(MHz)
GT24-03S	1:1 ICT:ICT	-1.0	-45 / -40 / -35	-18/ -14/ -12.5/ -10	-43/-37/-33

Dimension:inch(mm) +/-0.010(.25)



1. PACKAGE BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.

2. LEAD SOLDER ABILITY PER MIL-STD-202.METHOD208. NOTES:UNLESS OTHER WISE SPECIFIED.

Schematics:

GT24-03S

