



1000 Base-T SMD Dual Transformers



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

MODEL NO.: GT48-01S

Cross Reference No.: Pulse H5014

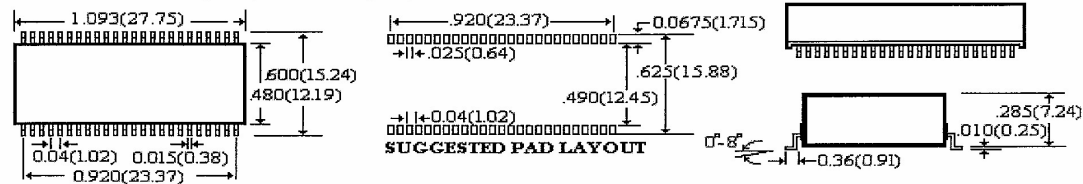
Operating Temprange 0°C To +70°C
Storage Temprange -25°C To +125°C
SMD Environmental: Designed to meet IR 235°C 1 minute
Designed for long gaul Gigabit Ethernet 100/1000Base-T,full duplex applications
Supports 4 pairs of category 5 UTP cable
Meets all IEEE802.3 and ANSI X3.263 Standards for 1000Base-T

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 (±2%) Receive Transmit	Insertion Loss (dB MAX) 1-100MHz	Crosstalk (dB MIN) 30/ 60/ 100(MHz)	Return loss (dB MIN@ 100Ω)					CDMRR (dB TYP) 30/ 60/ 100(MHz)
				1-30	40	50	60-80	100(MHz)	
GT48-01S	1CT:1CT 1CT:1CT	-1.4	-43.5 / -37.5 / -33	-16	-14.4	-13.1	-12	-10	-45/-40/-35

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:

GT48 - 01S

