



1000 Base-T Quad Port Magnetics Modules



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

MODEL NO.: GT4P-401B

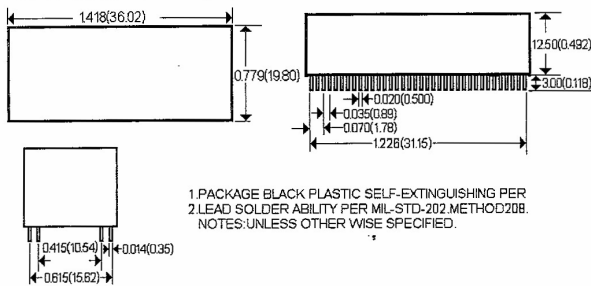
Operating Temprange 0°C To +70°C
Storage Temprange -25°C To +125°C
Designed for Ethernet 1000Base-T,full Quad port applications
Supports 16 pairs of category 5 UTP cable
Compliant with IEEE802.3 ab Standards for 1000Base-T

Specifications: AT25°C.

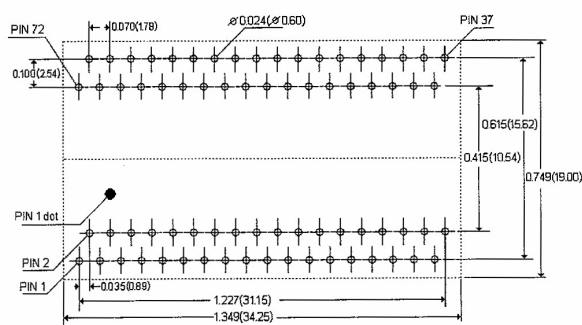
Primary inductance(LP) 350 μ H Min (100KHz ,100mV ,8mA)
Leakage inductance(LL) 0.3 μ H Max (100KHz ,100mV)
Primary Capacitance(Cww) 25.OPF Max(1MHz , 500mV)
Hi-pot(Vrms) 1500

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@ 100 Ω)					DCMR (dB TYP) 30/ 60/ 100(MHz)
				1-30	40	50	60-80	100(MHz)	
GT4P-401B	1CT:1CT 1CT:1CT	-1.4	-40 / -35 / -30	-18	-14.4	-13.1	-12	-10	-40/-35/-30

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



PCB Layout mounting Hole(Top View)



Schematics:

