

LAN COMPONENTS

1000 Base-T Quad port LAN Transformer Module MODEL NO:GT7205D



Feature:

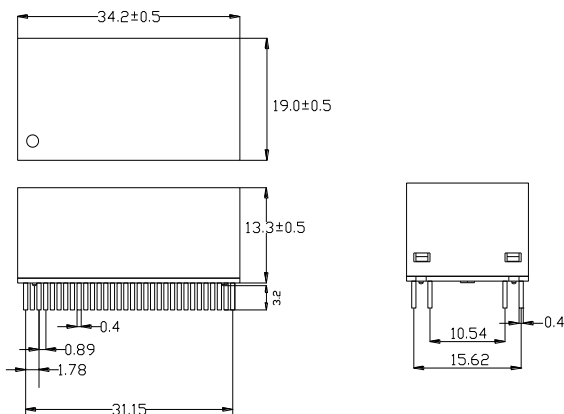
Designed to meet IEEE802.3ab requirement
Wave solder conditions: Maximum temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)
Primary inductance(Lp):350uH Min. 100KHz, 100mV, 8mAdc
Operate Temperature: 0 to $+70^{\circ}\text{C}$
Storage Temperature range: -25°C To $+125^{\circ}\text{C}$
HI-POT:1500Vrms 1mA

Electrical Specifications at 25°C — Operating Temprange: 0°C To $+70^{\circ}\text{C}$

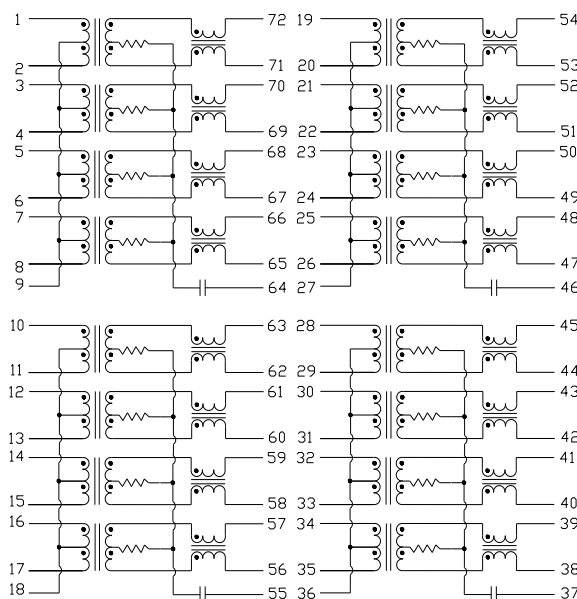
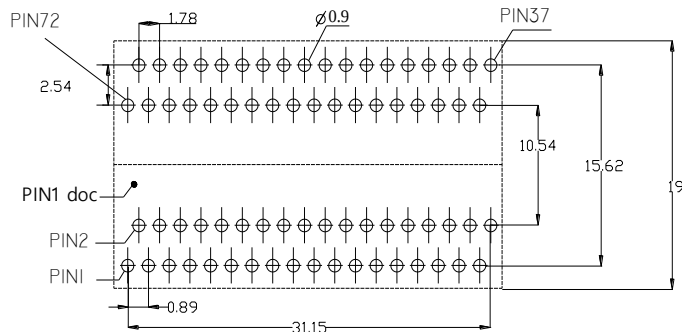
Part Number	Transformer Turns ratio ($\pm 3\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP) 30/60/100(MHz)	Return loss (dB TYP) 1~30/30~60/60~80/80~100(MHz)	DCMR (dB TYP) 30/60/100(MHz)
GT7205D	1CT:1CT	-1.0	-40/-35/-30	-18/-14/-12/-10	-40/-35/-30

Dimension: mm

Schematics:



PCB Layout mounting Hole(Top View)



1 PACKAGE BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.
2 LEAD SOLDER ABILITY PER MIL-STD-202 METHOD208.
NOTES:UNLESS OTHER WISESPECIFIED

Data sheet subject to change without notice

Unless otherwise specified, all tolerance are $\pm 0.25\text{mm}$

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