

10/100/1000 Base-T Quad port LAN Transformer Module
MODEL NO:GT7203D

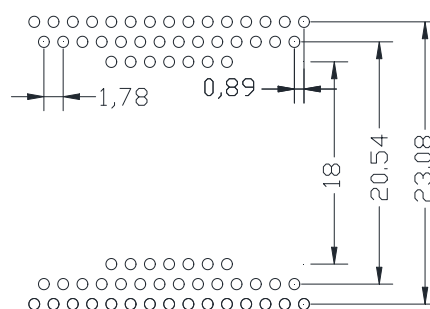
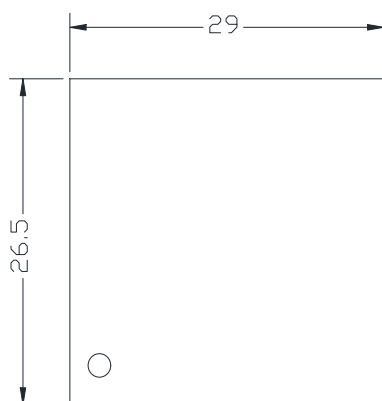


Feature :

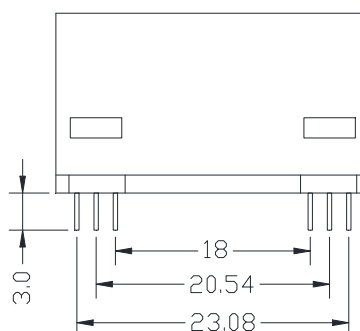
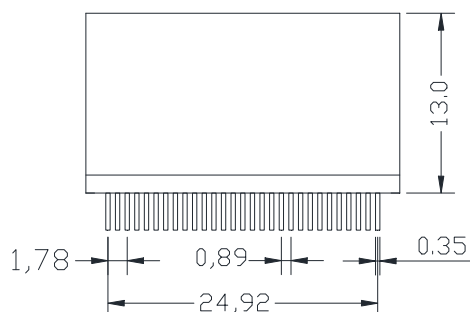
Designed to meet IEEE802.3ab requirement
Wave solder conditions:Maximum temperature is $260^{\circ}\text{C} \pm 3^{\circ}\text{C}$
time is 5~6sec(refer to SONY ss-00254-4 standard)
Primary induttance(L_p): $350 \mu\text{H}$ Min (100KHz ,100mV ,8mA)
Storage Temprange: -25°C To $+125^{\circ}\text{C}$
HI-POT:1500Vrms

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 Max) 0.5-100MHz	Crosstalk (dB Min) 0.5~40/40.1~100(MHz)	Return loss (dB Min) 0.5~40/40.1~100(MHz)	CMRR (dB TYP) 0.5~100(MHz)
GT7203D	1CT:1CT	-1.1	35/33-20*log(f/50)	-18/ 12-20log(f/80)	-30

Dimension: mm



SUGGESTED PCB LAYOUT



Data sheet subject to change without notice

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

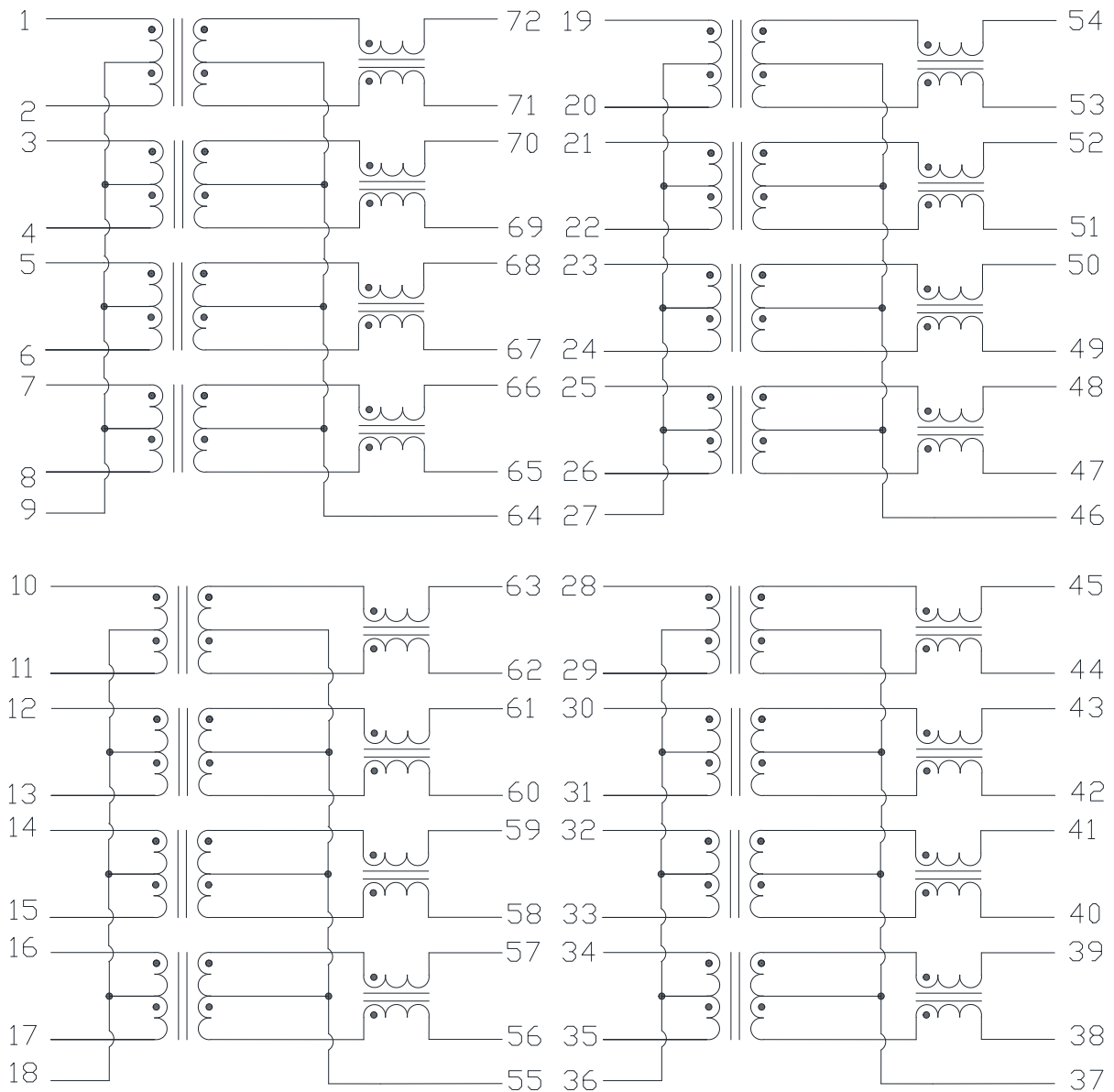
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Schematics:



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