

1000 Base-T Dual port LAN Transformer Module MODEL NO:HA5011SG

Feature:

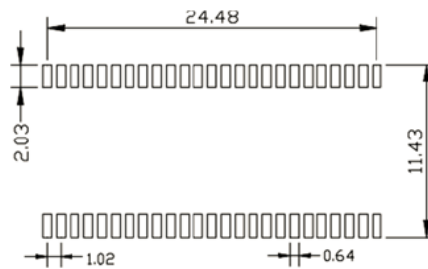
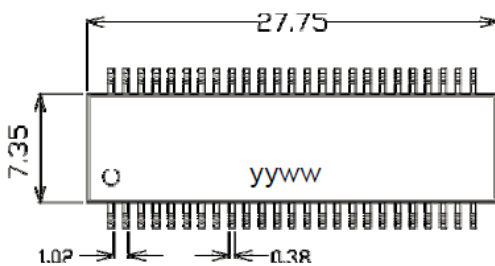


Designed for long haul Gigabit Ethernet 100/1000Base-TX,full duplex applications
 Supports 8 pairs of category 5 UTP cable
 Meets all IEEE802.3at for 720mA Current capability
 Primary inductance(Lp):350 μ H Min (100KHz ,100mV ,8mA)
 SMD Environmental: Designed to meet IR 235 $^{\circ}$ C 1 minute
 Storage Temprange:-40 $^{\circ}$ C To +85 $^{\circ}$ C
 HI-POT:1500VAC 1mA 1Sec

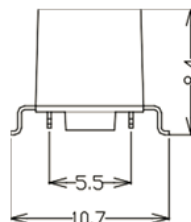
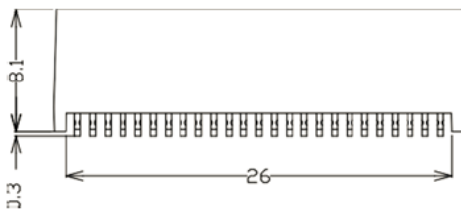
Electrical Specifications at 25 $^{\circ}$ C – Operating Temprange: 0 $^{\circ}$ C To +70 $^{\circ}$ C

Part Number	Transformer Turns ratio ($\pm 3\%$)		Insertion Loss (dB TYP) 1~100MHz	Crosstalk (dB TYP) 30/60/100(MHz)	Return loss (dB TYP) 1-30/40/50/60/80(MHz)	DCMR (dB TYP) 1~100(MHz)
	Receive	Transmit				
HA5011SG	1:1	1CT:1CT	-1.1	-35/-30.8/-28	-16/ -16/ -14/ -12.5 -10	-40

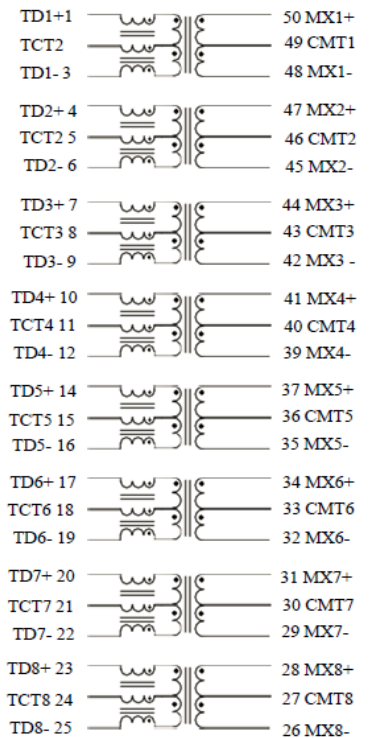
Dimension : mm



Suggested pad layout



Schematics :



Data sheet subject to change without notice Unless otherwise specified,all tolerance are ± 0.25 mm