

With 100/1000/Base-T Magnetics Module

Meets IEEE 802.3ab Specification

ROHS peak reflow temperature rating 255 °C.

100/1000 Base-T, Surface Mount Type, Open Header.

Operating temperature range: -40 °C to +85 °C

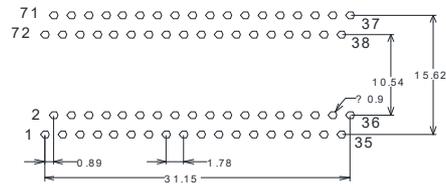
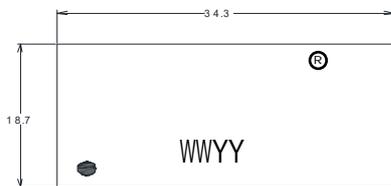
Storage temperature range: -40 °C to +85 °C



Electrical Specifications 25 °C.

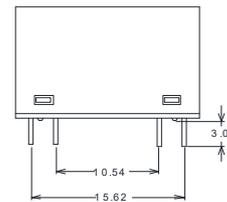
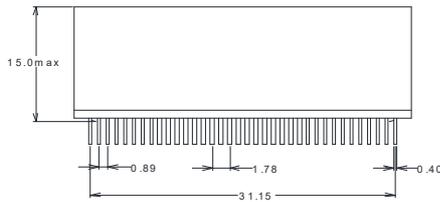
OCL(uH Min) 100KHz 0.2V	Turns Ratio	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		CMRR (dB Min)	HI-POT (Vrms)
With 8mA DC Bias	TX=1CT:1CT	0.5-100MHz	0.5-30MHz	30.1-60MHz	60.1-80MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz	0.5-100MHz	
350		-1.1	-18	-18+20 * log(f/30)	-12	-35	-33+20 * log(f/50)	-30	1500	

Mechanical:



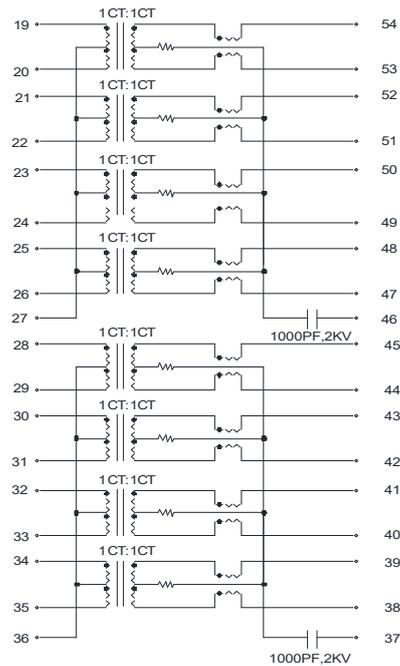
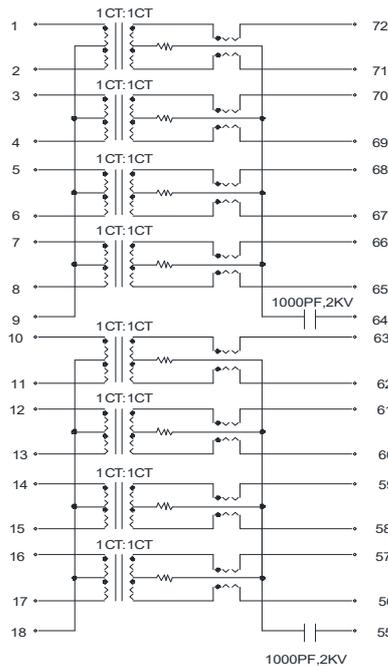
P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC



Unless otherwise specified all tolerances are: ±0.25 in mm

Schematic:



P/N: SG4P109 LF	Units: mm	Unless otherwise stated otherwise tolerances as follows: .XXX ±0.10 .XX ±0.25 .X ± 0.35 ANG ±3°	Rev: A	Draw : Kal	Date: 2022/02/22
	Scale: None		Page: 1/1	Checked : Ansom	Date: 2022/02/22
http://www.bothhandUSA.com			462 Boston St, Topsfield, MA 01983	Approved: Ansom	Date: 2022/02/22