

With 100/1000 Base-T Magnetics Module

Meets IEEE 802.3 Specification

ROHS peak reflow temperature rating 265°C.

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

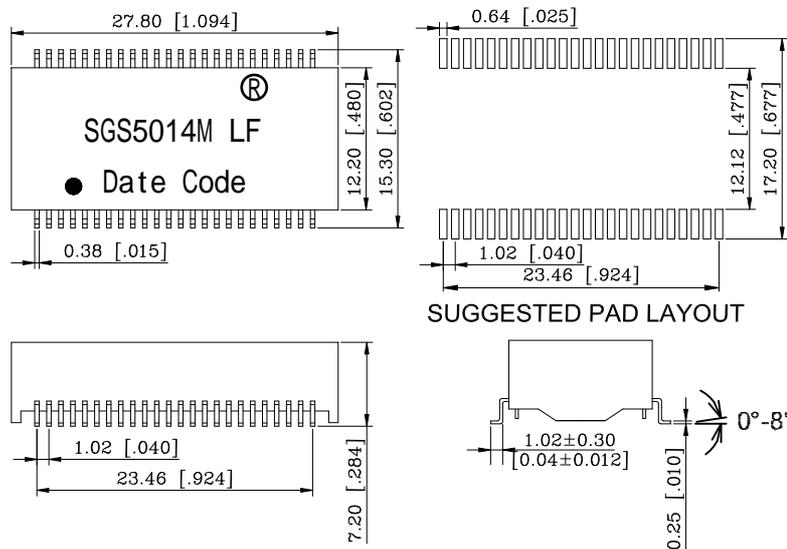
Operating temperature range: -40°C to +85°C

Storage temperature range: -40°C to +125°C

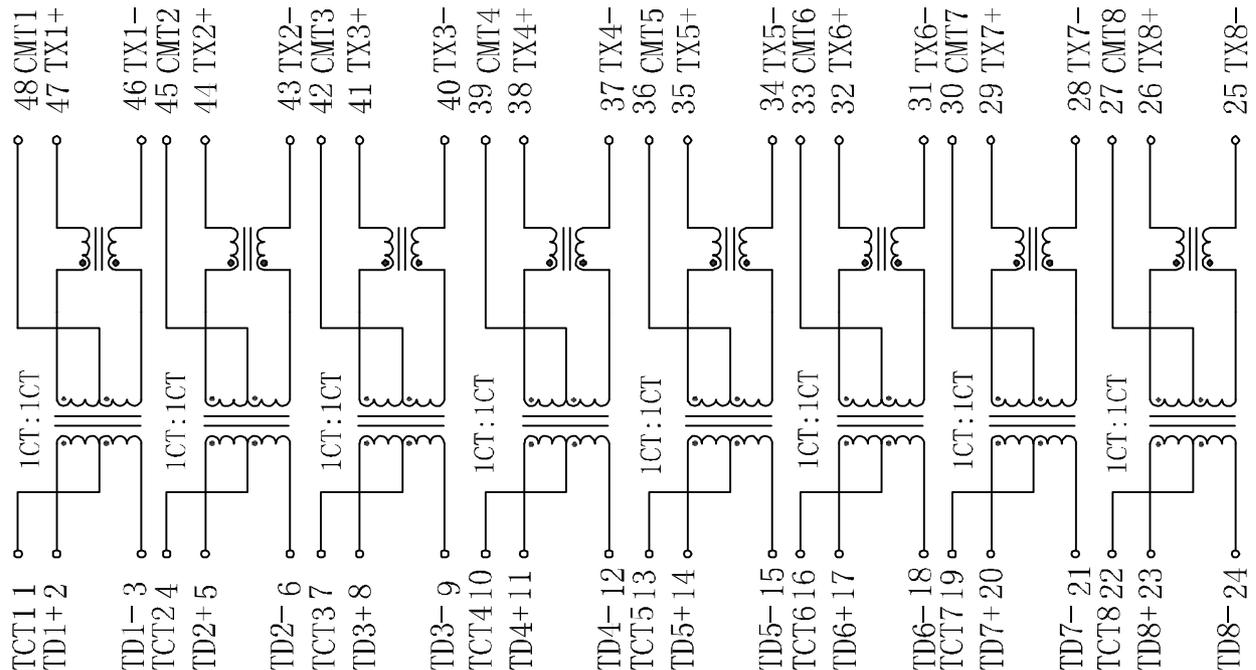
### Electrical Specifications 25°C.

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	0.5-40MHz	40.1-100MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz	0.5-100MHz
350		-1.1	-18	-12+20 * log(f/80)	-35	-33+20 * log(f/50)	-30	1500

### Mechanical:



### Schematic:



P/N: SGS5014M 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:2010/05/08
	Scale: None		Page: 1/1	Checked : Ansom	Date:2010/05/08
<a href="http://www.bothhandUSA.com">http://www.bothhandUSA.com</a> 462 Boston St, Topsfield, MA 01983			Approved:	Ansom	Date:2010/05/08