

With 100/1000 Base-T Magnetics Module

Meets IEEE 802.3 Specification

ROHS peak reflow temperature rating 255 °C.

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

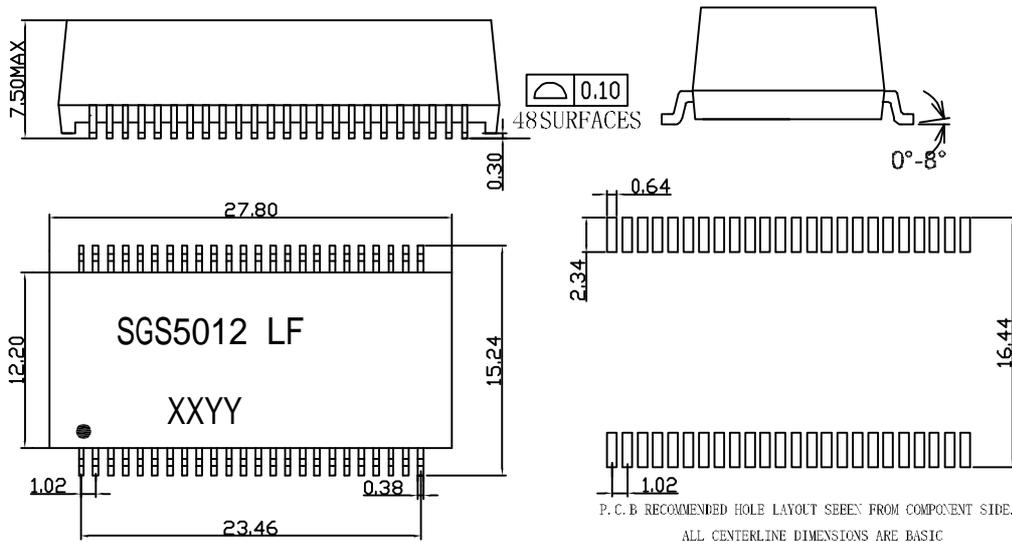
Operating temperature range: 0 °C to +70 °C

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

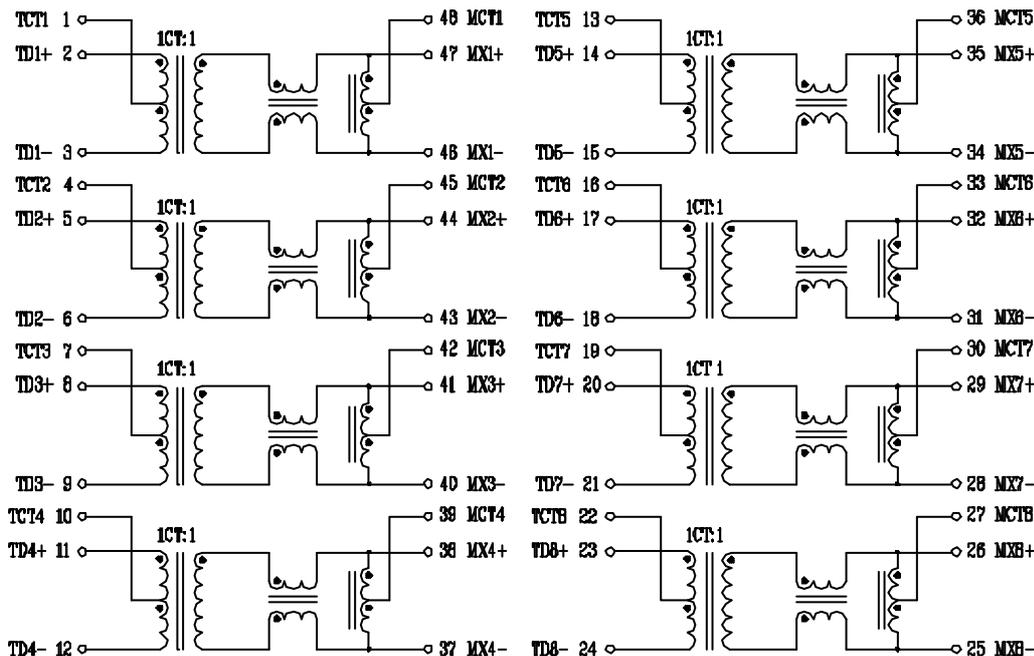
### Electrical Specifications 25 °C.

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:  
SGS5012 LF

Units:mm  
Scale: None  
Unless otherwise stated  
otherwise tolerances as follows:  
.XXX ±0.10 .XX ±0.25 .X± 0.35  
ANG ±3°

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