

With 100/1000 Base-T POE Magnetics Module

Meets IEEE 802.3 Specification

ROHS peak reflow temperature rating **255 °C**.

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

POE rating: 30W , 600mA 48V

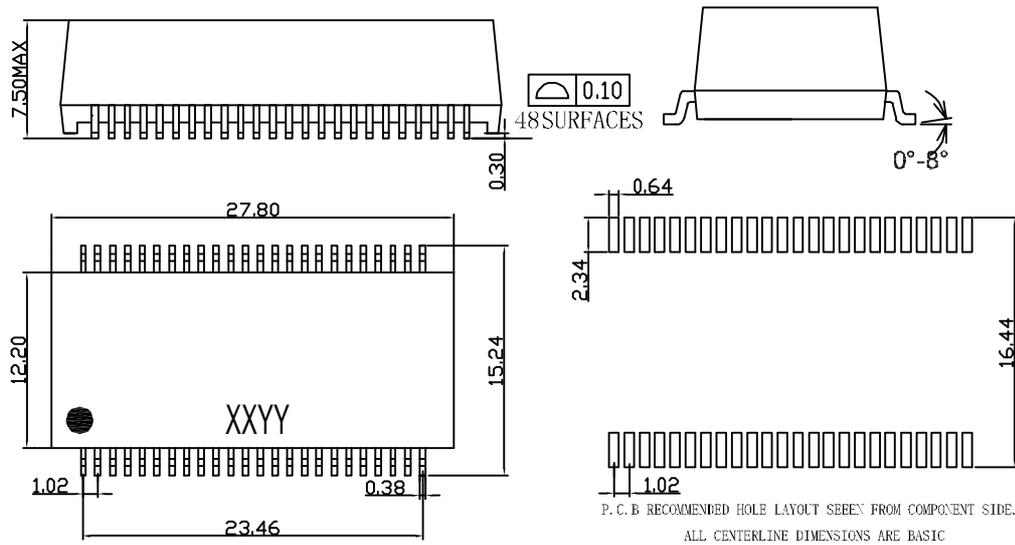
Operating temperature range: -40 °C to +85 °C

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

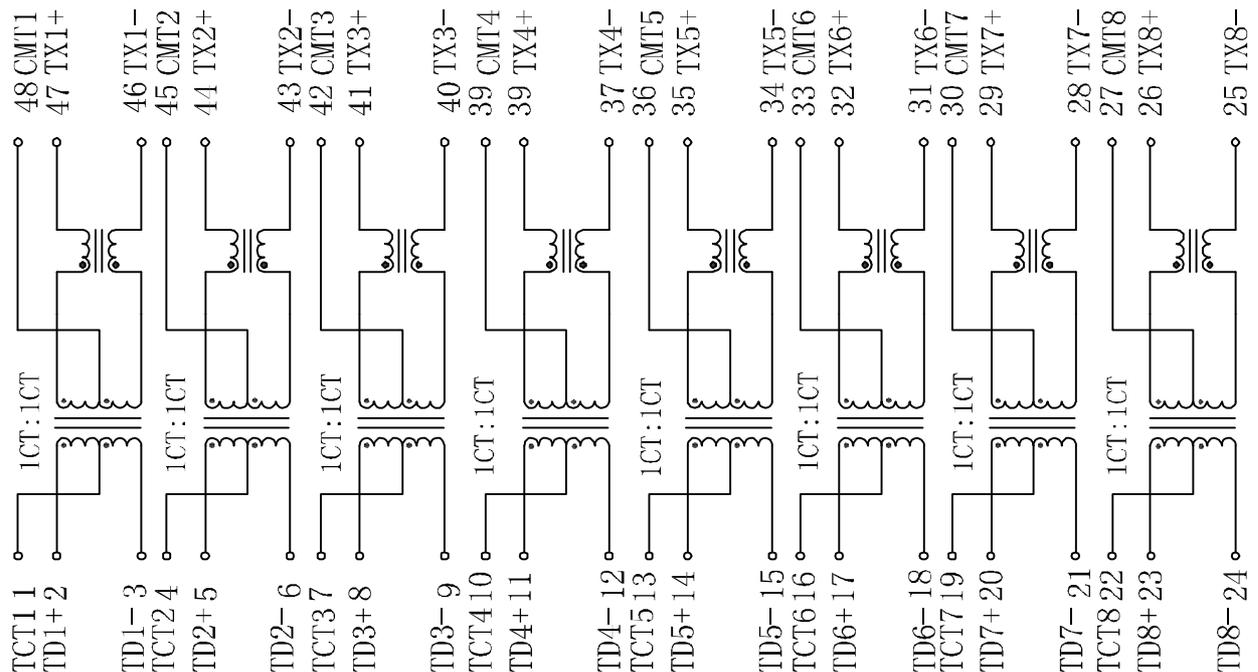
Electrical Specifications 25 °C.

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	0.5-40MHz	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:
SGS6014 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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