

With 100/1000/Base-T Magnetics

Meets IEEE 802.3 Specification

ROHS peak reflow temperature rating 255°C.

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

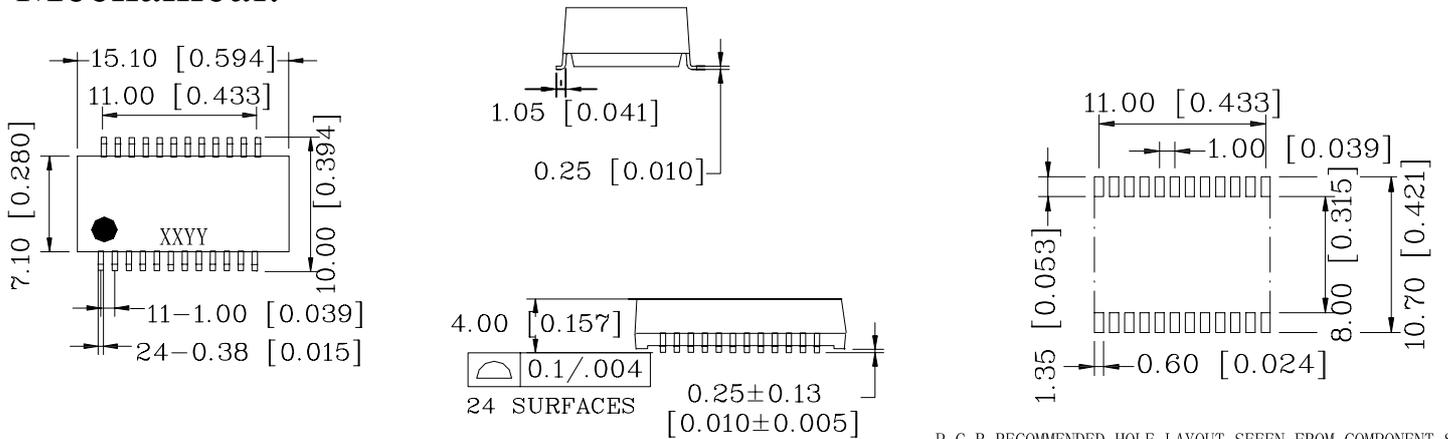
Operating temperature range: 0°C to +70°C

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

**Electrical Specifications@25 ---Operating temperature 0 TO 70**

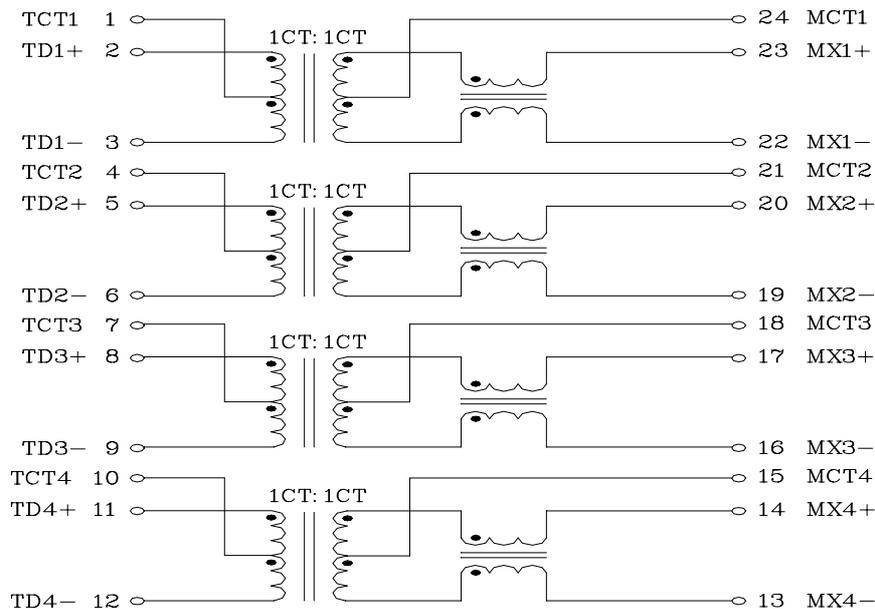
Insertion Loss (dB Max)	Return Loss (dB Min. @ 100 ohm)					'Differential to Common Mode Rejection (dB Min.)			Crosstalk (dB Min.)			Hi-POT
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
-1.0	-18	-14	-13	-12	-10	-43	-37	-33	-43	-37	-33	1500

**Mechanical:**



P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE. ALL CENTERLINE DIMENSIONS ARE BASIC

**Schematic:**



P/N: SGST5009 LF

Units: mm  
Scale: None

Unless otherwise stated otherwise tolerances as follows:  
.XXX ±0.10 .XX ±0.25 .X ± 0.35  
ANG ±3°

Rev: A  
Page: 1/1

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