



GIGABIT Magnetics Modules

Jansum Electronics is China manufacturer & supplier who mainly produces GIGABIT Magnetics Modules with many years of experience. G50C01SQ meets IEEE 802.3ab and supports PoE application. Welcome to buy product from JASN.

Model:G50C01SQ

JASN is a professional leader China GIGABIT Magnetics Modules manufacturer with high quality and reasonable price. Welcome to contact us.

Feature

Compliant with IEEE 802.3at standard.

Comply with ROHS requirements.

Suitable for End-span POE applications with 720mA current capability.

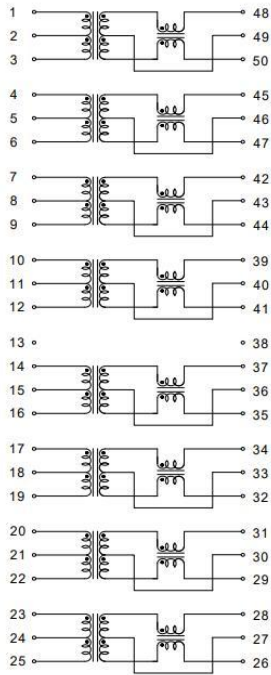
Operating temperature range:-40℃ to +85℃.

Storage temperature range: -40℃ to +125℃.

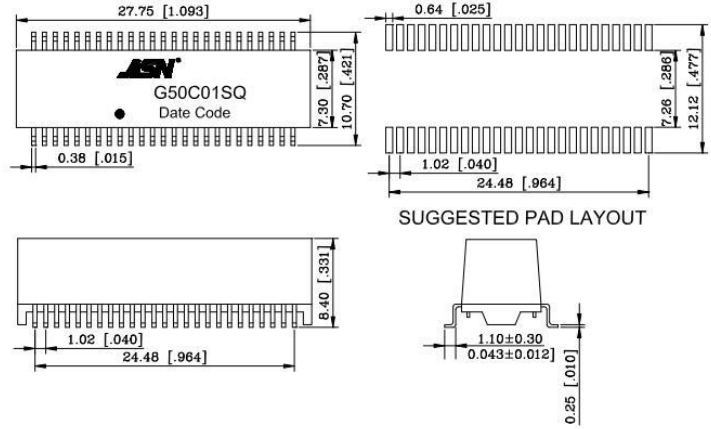
Electrical Specifications @ 25℃

OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias 200uH Min. @100KHz/0.1V with 18mA DC Bias				
Hi-POT :	1500Vrms				
Turn Ratio:	1:1±3%				
LK:	0.5uH Max @100KHz/0.2V				
Cw/w	35PF Max @100KHz/0.2V				
D.C.R:	1.2 ohm Max				
Insertion Loss:	1-100MHz: -1.0dB Max				
Cross Talk :	1-100MHz: -30dB Min				
Return Loss:	1-30MHz	40MHz	50MHz	60-80MHZ	80-100MHZ
	-18dB Min	-14.4dB Min	-13.1dB Min	-12dB Min	-10dB Min

Schematic



Mechanical



Unless otherwise specified, all tolerances are ±0.25