



### 1000M Lan Transformer

China JASN has been successful for many domestic and foreign company to provide advanced 1000M Lan Transformer, technical support and excellent after sales service. G48C01SP supports PoE option.

Model:G48C01SP

JASN as one of the professional China 1000M Lan Transformer manufacturers and China factory, we are strong strength and complete management. Also, we have own exporting license. We mainly deal in making a series of 1000M Lan Transformer and so on. We stick to the principal of quality orientation and customer priority, we sincerely welcome your letters, calls and investigations for business cooperation.

### Feature

Compliant with IEEE 802.3 standard.

Comply with ROHS requirements.

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

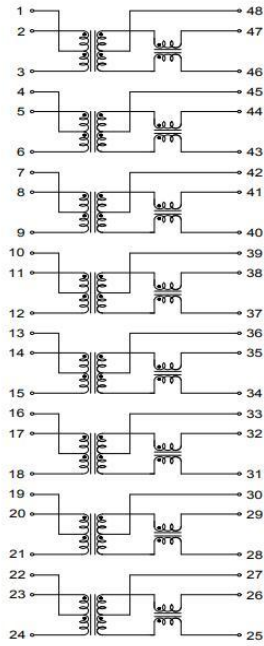
Operating temperature range: 0°C to +70°C.

Storage temperature range: -25°C to +125°C.

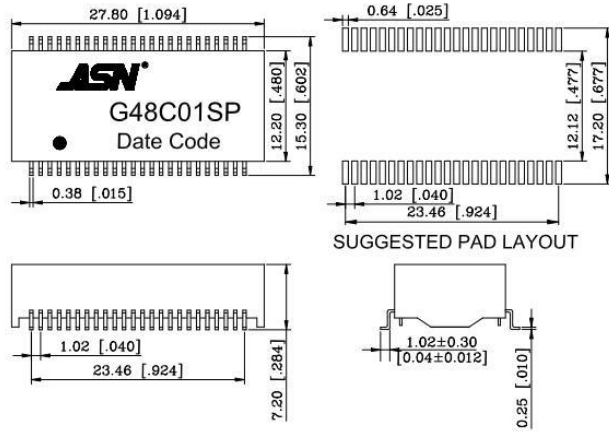
### Electrical Specifications @ 25°C

OCL:	350uH Min. @100KHz/0.1V with 8mA 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  $\pm 0.25$