



### Lan Magnetics

High quality Lan Magnetics is offered by China manufacturer Jansum Electronics. G48T01DP can provide different pin layout and meet IEEE802.3ab standard. Welcome to buy product from JASN.

Model:G48T01DP

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

### Feature

Compliant with IEEE 802.3ab&802.3at standard.

Comply with ROHS requirements.

Suitable for End-span PoE applications with 720mA current capability

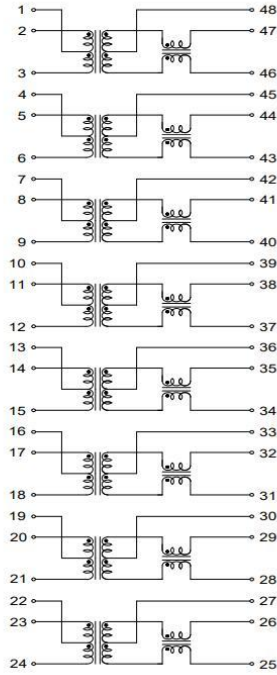
Operating temperature range: 0°C to +70°C.

Storage temperature range: -25°C to +105°C.

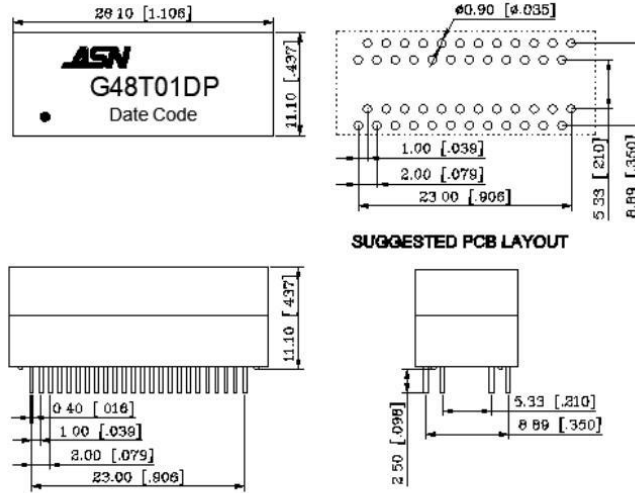
### Electrical Specifications @ 25°C

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  $\pm 0.25$