



## 1000M Discrete Lan Magnetics

High quality 1000M Discrete Lan Magnetics is offered by China manufacturer JASN. G50C01S can provide different pin layout and meet IEEE802.3ab standard.

Model:G50C01S

With years of experience in production 1000M Discrete Lan Magnetics, JASN can supply a wide range of 1000M Discrete Lan Magnetics. In addition to the product list below, you can also customize your own unique 1000M Discrete Lan Magnetics according to your specific needs.

## **Feature**

Compliant with IEEE 802.3 standard.

Comply with ROHS requirements.

Operating temperature range:  $0^{\circ}$ C to +70°C.

Storage temperature range: -25  $^{\circ}$ C to +125  $^{\circ}$ C.

## Electrical Specifications @ 25℃

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				
	1-30MHz	40MHz	50MHz	60-80MHZ	80-100MHZ
Return Loss:	-18dB Min	-14.4dB Min	-13.1dB Min	-12dB Min	-10dB Min



## **Schematic** Mechanical 49 50 46 27.75 [1.093] 7.30 [.287] · 43 G50C01S Date Code • 44 Date Code 0.38 [.015] 1.02 [.040] 24.48 [.964] 39 40 41 SUGGESTED PAD LAYOUT 13 • • 38 37 15 • 1.10±0.30 0.043±0.012] 00 00 16 1.02 [.040] 24.48 [.964] 17 34 18 • 33 19 • 32 20 31 • 30 22 ° 29 Unless otherwise specified, all tolerances are $\pm 0.25$