

10G BASE-T MAGNETIC MODULE



N9101S



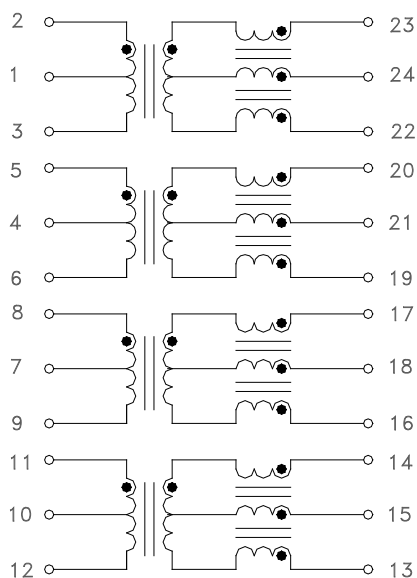
- Compliant with IEEE 802.3 standard
- Low profile package
- Operating temperature range: 0°C to +70°C
- Storage temperature: -40°C to +85°C
- RoHS compliant product
- Custom design available upon request

ELECTRICAL SPECIFICATION @ 25°C

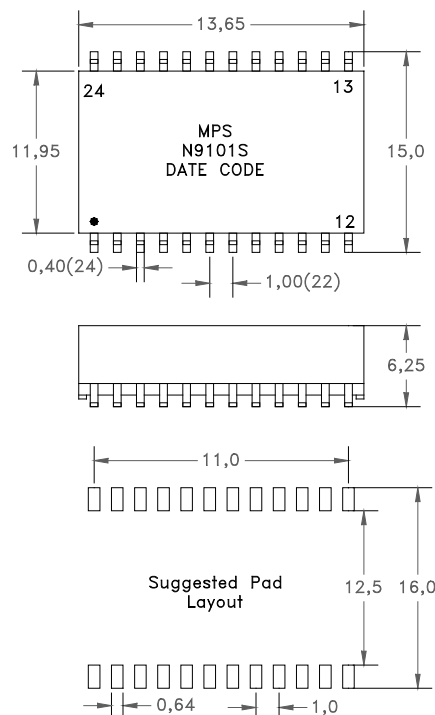
Part Number	Turns Ratio ±3%	Insertion Loss (dB) Max MHz			Retrun Loss (dB) Min MHz		Cross Talk (dB) Min MHz		CMR (dB) Min MHz
		1-300	300-400	400-500	1-40	40-500	1-100	100-500	1-500
N9101S	1CT:1CT	-1.0	-1.2	-2.0	-18	-17+10log(f/40MHz)	-40	-30	-22

- OCL: 150μH Min @ 100KHz, 0.1V_{RMS}
- Hipot: 1500V_{RMS}, 0.5mA, 60 sec

SCHEMATIC



DIMENSIONS



Dimensions

Unless otherwise specified, all tolerances are:
 inch: .XX : ±0.015 .XXX : ±0.004
 mm: X,X : ±0.38 X,XX : ±0.10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

13200 Estrella Ave., Bldg. B
Gardena, CA 90248

Tel: 310-325-1043
Fax: 310-325-1044

www.mpsind.com
sales@mpsind.com