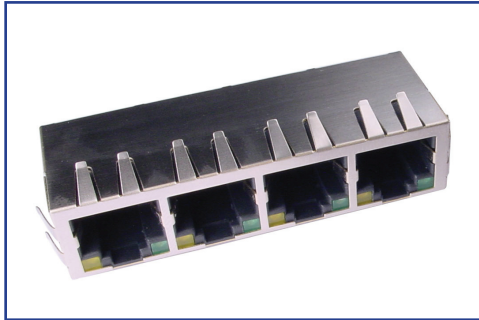


1XN RJ-45 10/100 BASE-T JACK WITH MAGNETIC MODULE



N5101 SERIES



- RJ-45 1xN, Tab-Down, 8 pin with internal magnetics
- Available with and without LEDs
- Suitable for CAT 5 and 6 Fast Ethernet cable or better UTP
- Minimum 1500Vrms isolation per IEEE 802.3 requirement
- Operating temperature range: 0°C to +70°C
- RoHS compliant product

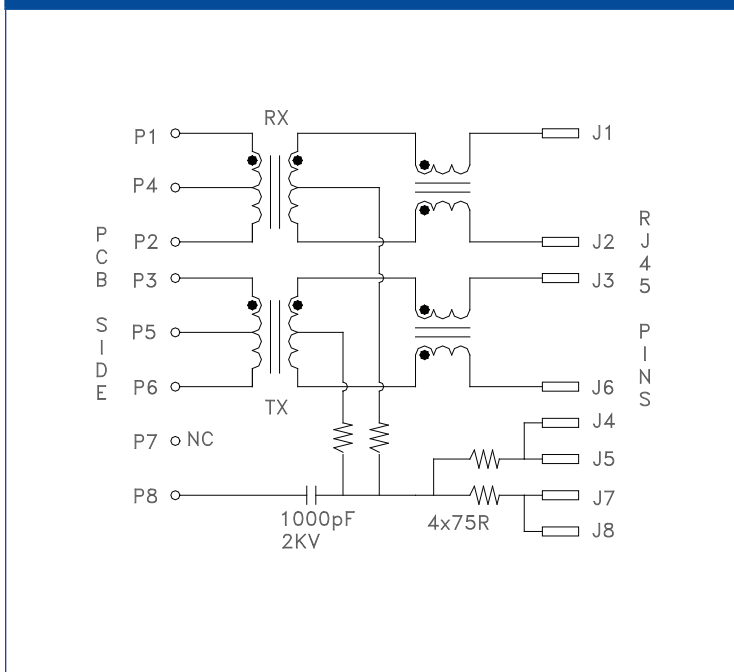
ELECTRICAL SPECIFICATION @ 25°C

Part Number	1xN	Turns Ratio ±2%		Insertion Loss 0.1-100MHz (dB) Max	Retrun Loss (dB) Min MHz			Cross Talk (dB) Typ MHz	CMR (dB) Typ MHz
		TX	RX		1-30	30-60	60-80		
N5101-2	1x2	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35
N5101-4	1x4	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35
N5101-6	1x6	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35
N5101-8	1x8	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35

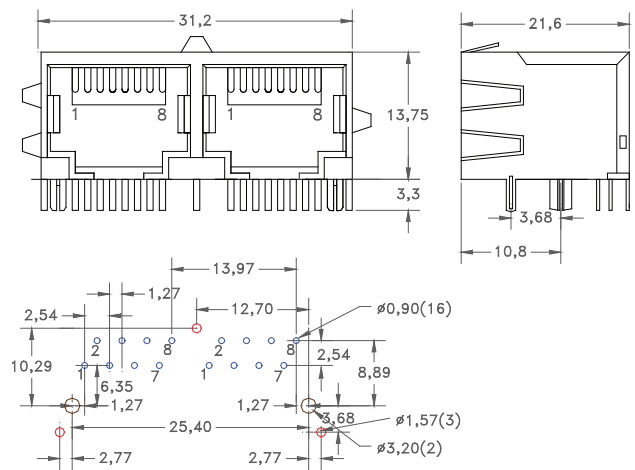
Note:

- Inductance: 350μH Min @ 100KHz, 0.1Vrms with 8mA DC

SCHEMATIC



DIMENSIONS: N5101-2



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.

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

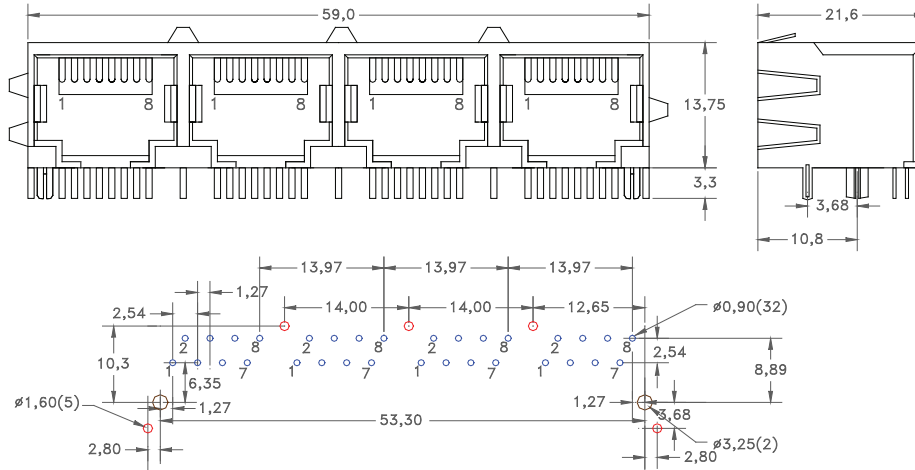
www.mpsind.com
sales@mpsind.com

1XN RJ-45 10/100 BASE-T JACK WITH MAGNETIC MODULE

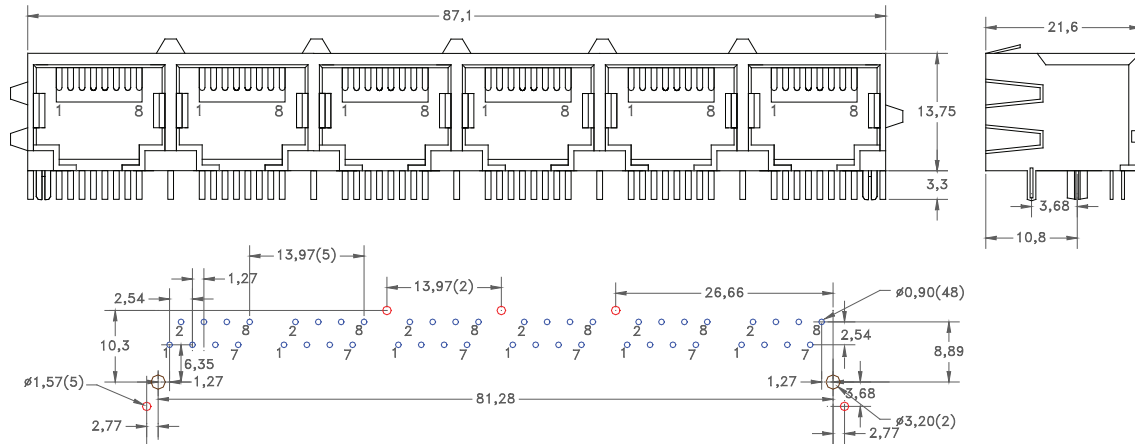


N5101 SERIES

DIMENSIONS: N5101-4



DIMENSIONS: N5101-6



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.

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

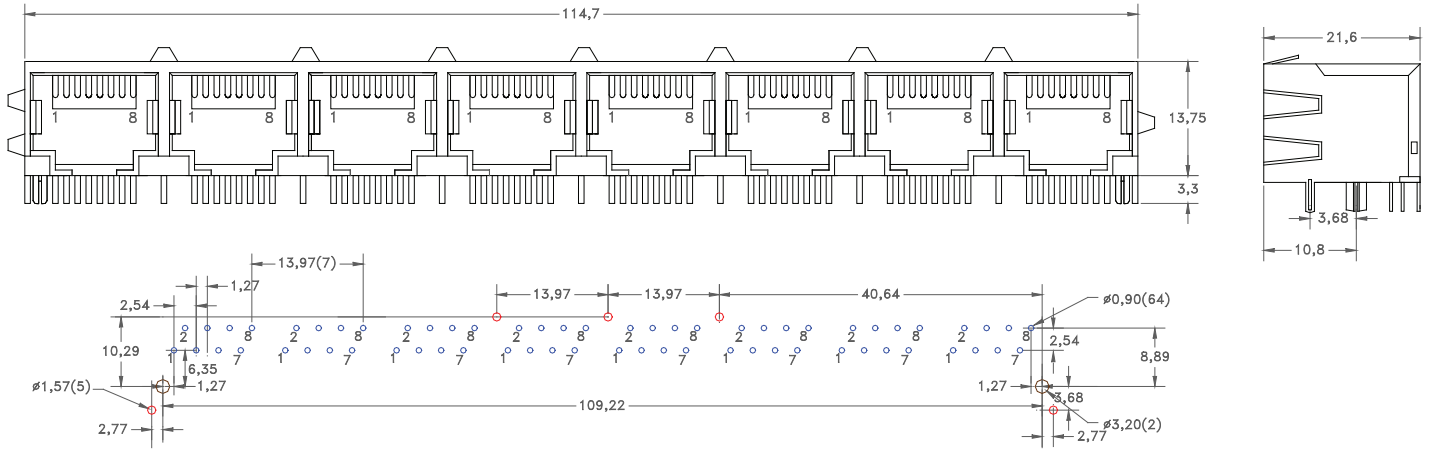
www.mpsind.com
 sales@mpsind.com

1XN RJ-45 10/100 BASE-T JACK WITH MAGNETIC MODULE



N5101 SERIES

DIMENSIONS: N5101-8



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

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

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

www.mpsind.com
sales@mpsind.com