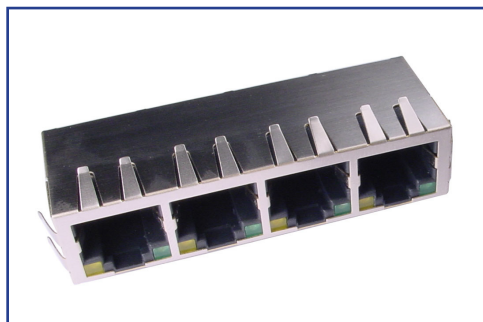


1XN RJ-45 10/100 BASE-T JACK WITH MAGNETIC MODULE



N5101 SERIES



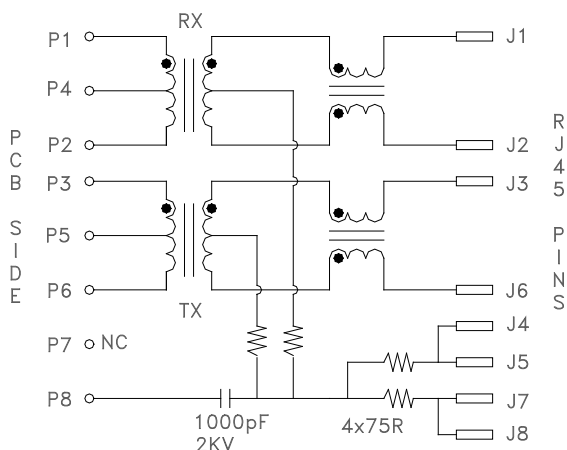
- RJ-45 1xN, Tab-Down, 8 pin with internal magnetics
- Available with and without LEDs
- Suitable for CAT 5 and 6 Fast Ethernet cable or better UTP
- Minimum 1500V_{RMS} isolation per IEEE 802.3 requirement
- Operating temperature range: 0°C to +70°C
- RoHS compliant product

ELECTRICAL SPECIFICATION @ 25°C

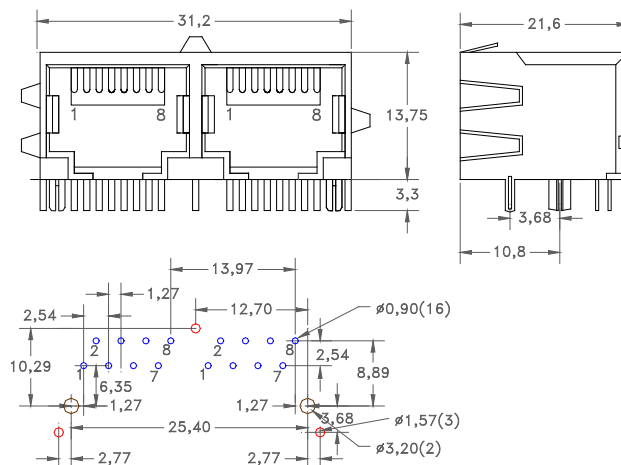
Part Number	1xN	Turns Ratio ±2%		Insertion Loss 0.1-100MHz (dB) Max	Retrun Loss (dB) Min MHz			Cross Talk (dB) Typ MHz	CMR (dB) Typ MHz
		TX	RX		1-30	30-60	60-80		
N5101-2	1x2	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35
N5101-4	1x4	1CT:1	1CT:1	-1.1	-18	-14	-12	-40	-35
N5101-6	1x6	1CT:1	1CT:1	-1.1	-18	-14	-12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

- Inductance: 350μH Min @ 100KHz, 0.1V_{RMS} with 8mA DC
- Hipot: 1500V_{RMS}, 1 minute

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.

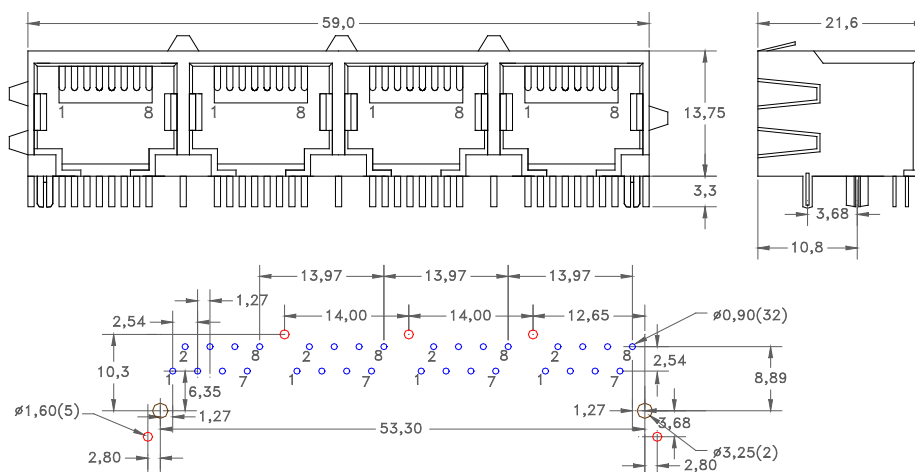
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Gardena, CA 90248

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sales@mpsind.com

MPS
Industries

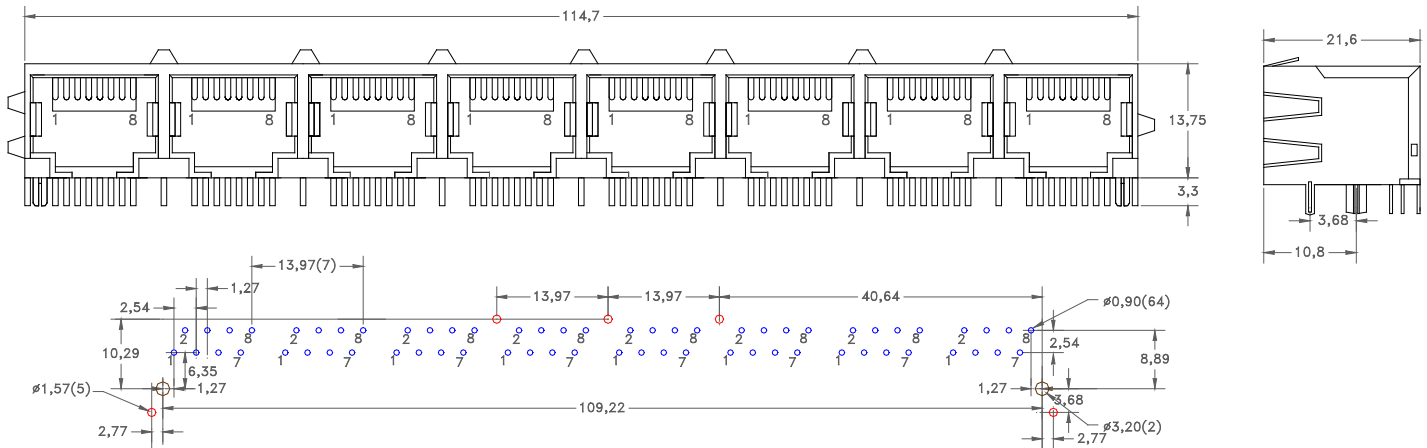
DIMENSIONS: N5101-4



Unless otherwise specified, all tolerances are:
 inch: .XX : ± 0.015 .XXX : ± 0.004
 mm: X,X : $\pm 0,38$ X,XX : $\pm 0,10$

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DIMENSIONS: N5101-8



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