

1000 BASE-T Module



N3XXXS Series



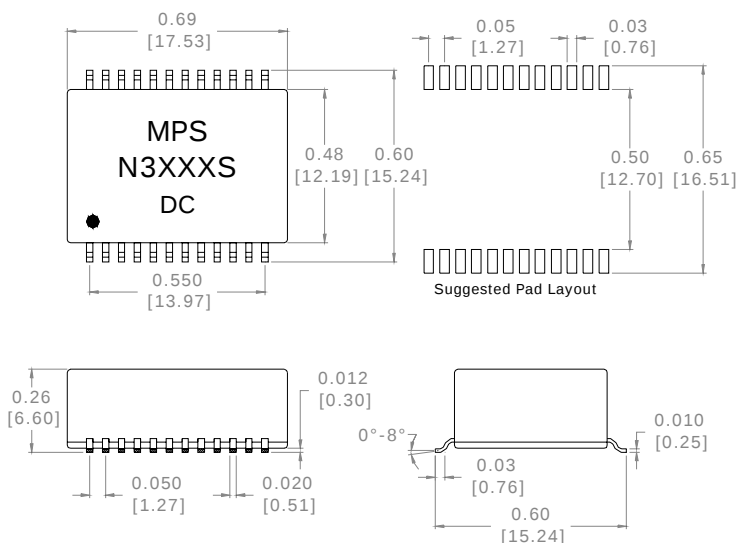
- Designed for long haul Gigabit Ethernet (100/1000BASE-T) applications
- Compliant with IEEE 802.3ab standard for 100/1000BASE-T including 350μH min. OCL with 8mA DC Bias
- Designed to support 4 pairs of category 5 UTP cables
- 1500Vrms Isolation

ELECTRICAL SPECIFICATION @ 25°C

Part Number	Insertion Loss (dB min.)	Return Loss (dB min.)				CMRR (dB min.)	Common to Differential				Crosstalk (dB min.)			Sch.
		1-100 MHz	1-40 MHz	60 MHz	80 MHz	100 MHz	1-80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	1-40 MHz	60 MHz	100 MHz
N3011S	-1	-18	-15	-12	-10	-30	-60	-40	-35	-30	-40	-35	-30	A
N3111S	-1	-18	-15	-12	-10	-30	-60	-40	-35	-30	-40	-35	-30	B

- **RiseTime** (tr): 1.75nS max.
- **Impedance** (Z): 100 Ohms

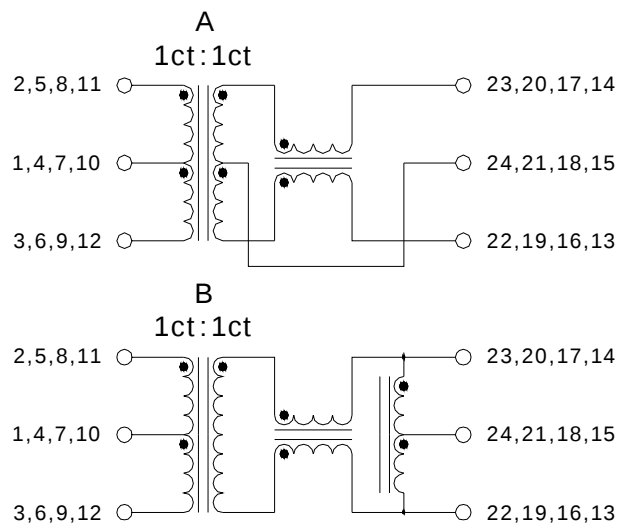
Mechanical



Dimensions

Unless otherwise specified, all tolerances are:
 .XX ± 0.010" & .XXX ± 0.003"
 Inches
 [mm]

Schematic



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

N3XXXS-A
0443TA

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