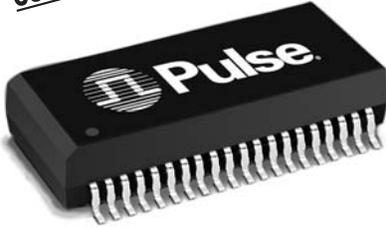


# 10/100BASE-T QUAD PORT SURFACE MOUNT MAGNETICS



-  Meets IEEE 802.3 specification
-  IC grade transfer-molded package withstands 245°C peak temperature profile

## Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

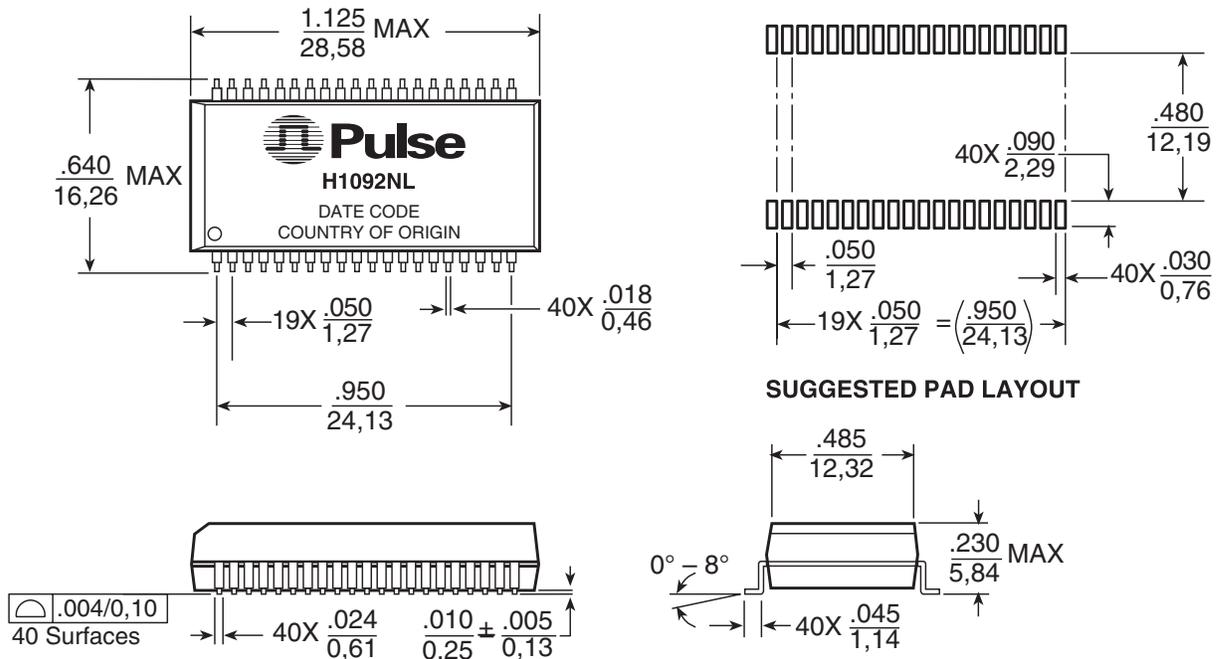
Part Number	Transmit Turns Ratio	Return Loss (dB TYP)				Crosstalk (dB TYP)				Common to Common Rejection Ratio 0.1-60 MHz (dB MIN)		Differential to Common Mode Rejection (dB MIN)	
		2-30 MHz	40 MHz	50 MHz	60-80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	Transmit	Receive	0.1-60 MHz	60-200 MHz
H1092NL <sup>2d</sup>	$\sqrt{2}:1$	-18	-16	-14	-12	-60	-50	-40	-35	-35	-35	-40	-30

NOTE: All models meet breakdown (Hipot) of 1500 Vrms. Insertion Loss at 0.1-100 MHz is typically 0.5 dB.

1. For Tape & Reel packaging, add suffix "T" to the end of the part number when ordering, e.g. H10 92NLT.
2. MSL = Moisture Sensitivity: Level a = 1, b = 2, c = 3, d = 4, e = 5.

## Mechanical

### H1092NL



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

USA 858 674 8100 • Germany 49 7032 7806 0 • Singapore 65 6287 8998 • Shanghai 86 21 32181071 • China 86 755 33966678 • Taiwan 886 3 4641811

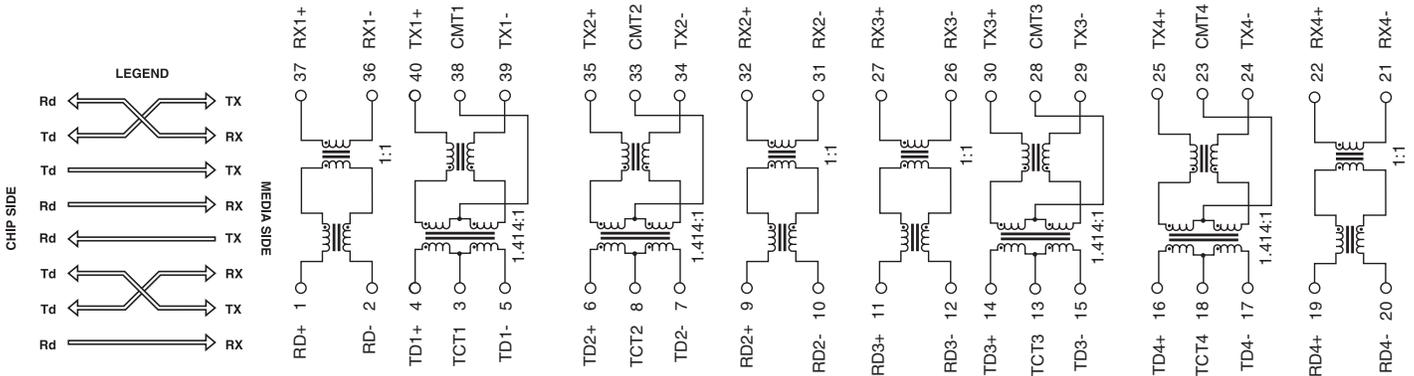
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# 10/100BASE-T QUAD PORT SURFACE MOUNT MAGNETICS

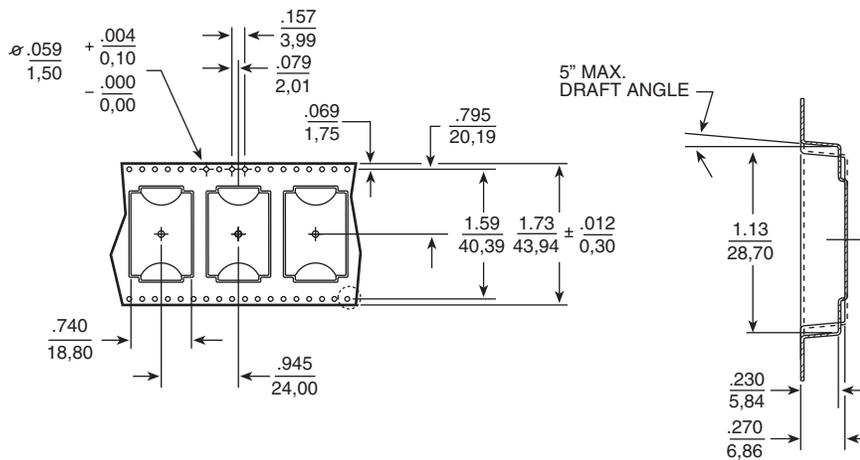


## Schematic

**H1092NL**



## Tape and Reel Specifications



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