

10/100 PC Card LAN Magnetic Modules



- RoHS peak reflow temperature rating 245°C
- Low profile packages from .094" (2,39mm) to .078" (1,98mm) for PC card and cardbus applications

Electrical Specifications @ 25°C - Operating Temperature 0°C to +70°C

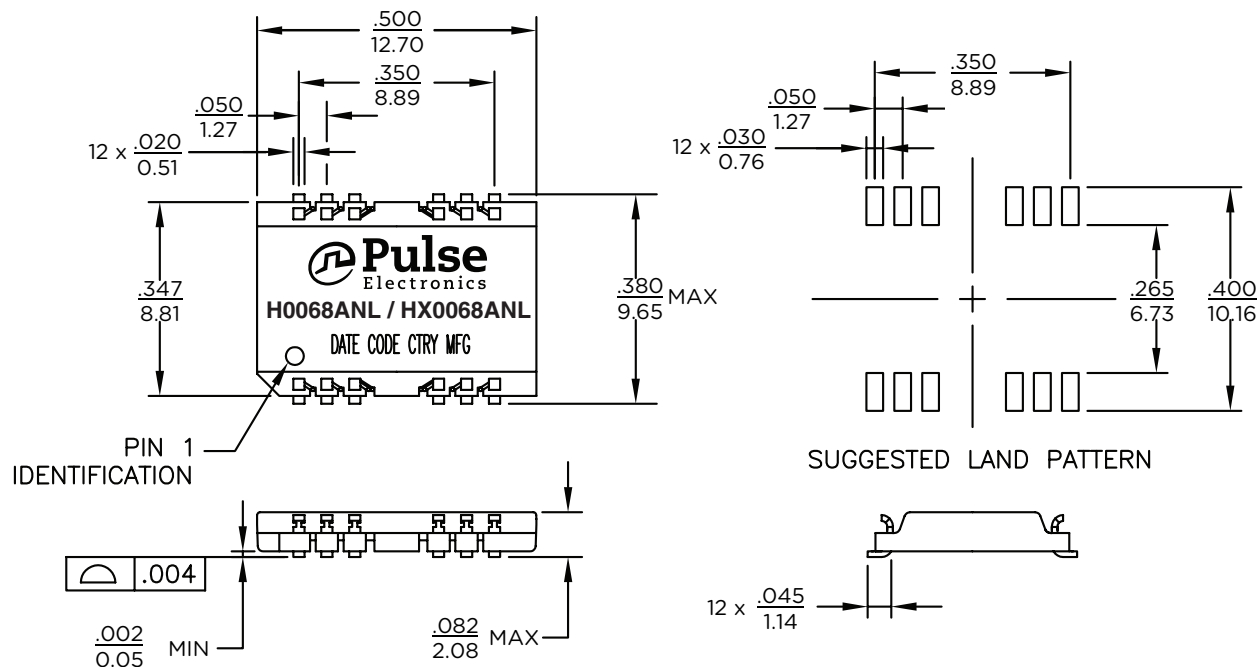
RoHS Compliant Part Number	Turns Ratio (±5%)		Insertion Loss (dB MAX)	Return Loss (dB MIN)			Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
	TX	wRX	100 kHz-100 MHz	30 MHz	60 MHz	80 MHz	30 MHz	50 MHz	100 MHz	30 MHz	62 MHz	100 MHz	
H0013NL ^{2a}	1:1	1:1	-0.9	-16	-12	-11	-35	-33	-20	-50	-45	-40	1500
H0068ANL ^{2a}	1:1	1:1	-1.0	-16	-14	-12	-40	-35	-30	-45	-40	-37	1500
HX0068ANL ^{1,2a}	1:1	1:1	-1.0	-16	-14	-12	-40	-35	-30	-45	-40	-35	1500

- Extended operating temperature (-40°C to +85°C)
- MSL (Moisture Sensitivity Level): a = 1, b = 2, c = 3, d = 4, e = 5

Notes: When ordering Tape & Reel packaging, add the suffix "T" to the end of the part number. For example: HX0068ANLT.

Mechanicals

H0068ANL, HX0068ANL

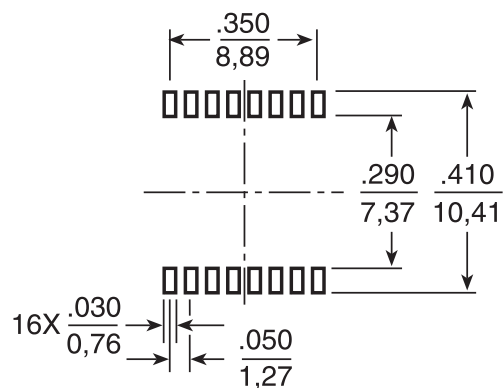
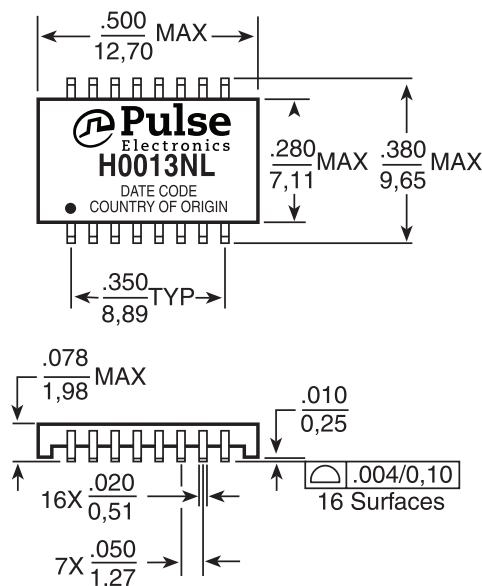


Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

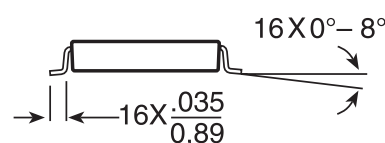
Weight0.4 grams
Tape & Reel2000/Reel
Tube40/Tube

10/100 PC Card LAN Magnetics Modules

H0013NL



SUGGESTED LAND PATTERN

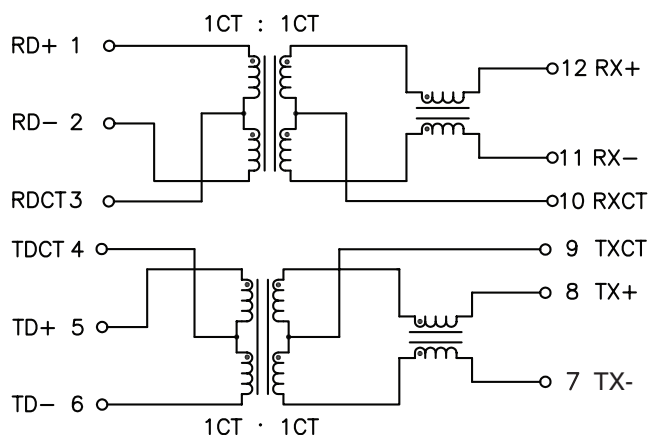


Dimensions: Inches mm Unless otherwise specified, all tolerances are $\pm$.010 0,25

Weight0.35 grams
Tape & Reel2000/Reel
Tube40/Tube

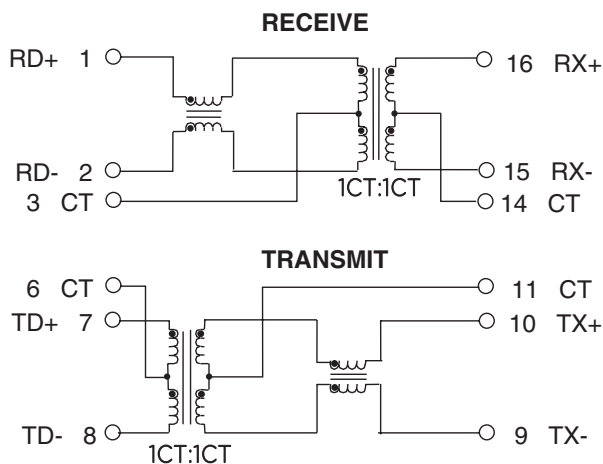
Schematics

H0068ANL, HX0068ANL



Note : This part supports AutoMDIX function , whereby TX and RX channels can be swapped to ease PCB layout

H0013NL



For More Information:

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