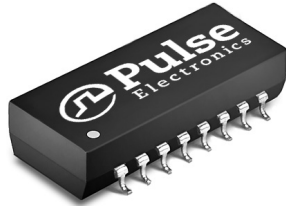


10/100Base-TX Single Port Transformers Modules

With Various Transmit Turns Ratios



- RoHS peak reflow temperature rating 245°C
- Meets IEEE 802.3 specification
- Designed for use with transceivers for AMD & Micrel

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

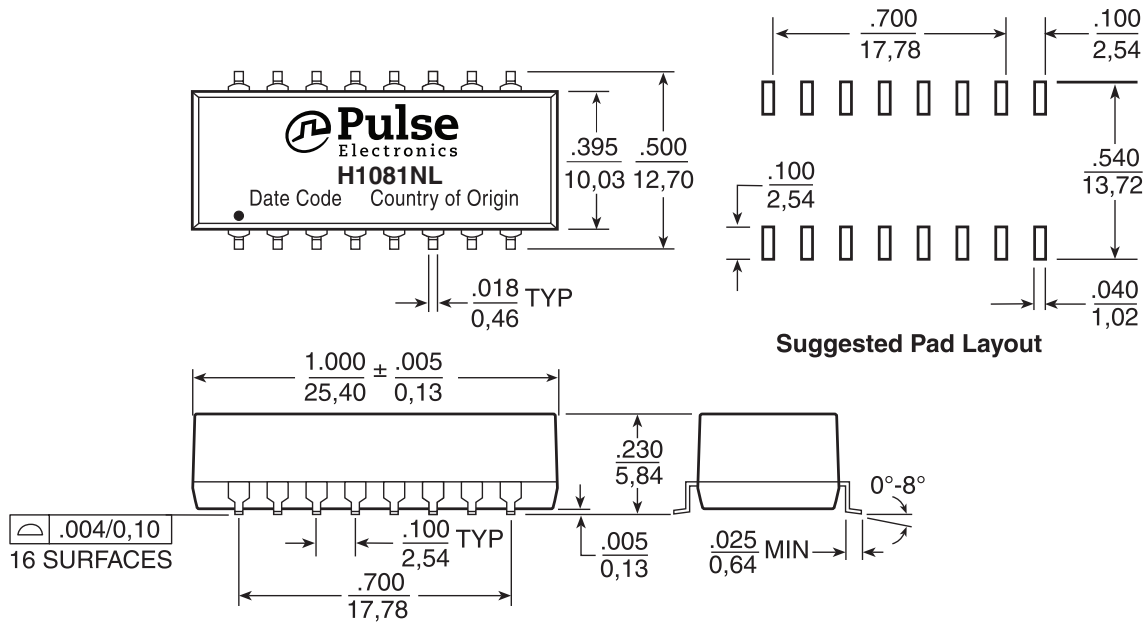
Part Number ²	Turns Ratio (±5%)		Insertion Loss (dB MAX)	Return Loss (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
	TX	RX	100 kHz-100 MHz	30 MHz	60 MHz	80 MHz	30 MHz	60 MHz	100 MHz	
H1081NL ^{1c}	1:1.141	1:1	-2.0	-18	-12	-11	-45	-38	-34	1500

1. MSL = Moisture Sensitivity Level: **a** = 1, **b** = 2, **c** = 3, **d** = 4, **e** = 5

2. When ordering Tape and Reel packaging, add the suffix "T" to the end of the parts number. For example, H1081NLT.

Mechanical

H1081NL



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

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

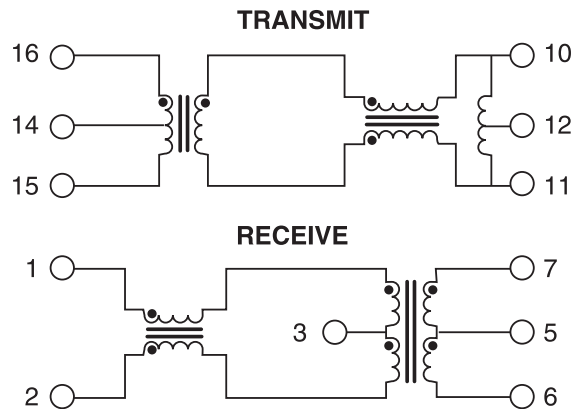
Weight 1.6 grams
Tube 20/tube
Tape and Reel 350/reel

10/100Base-TX Single Port Transformer Modules

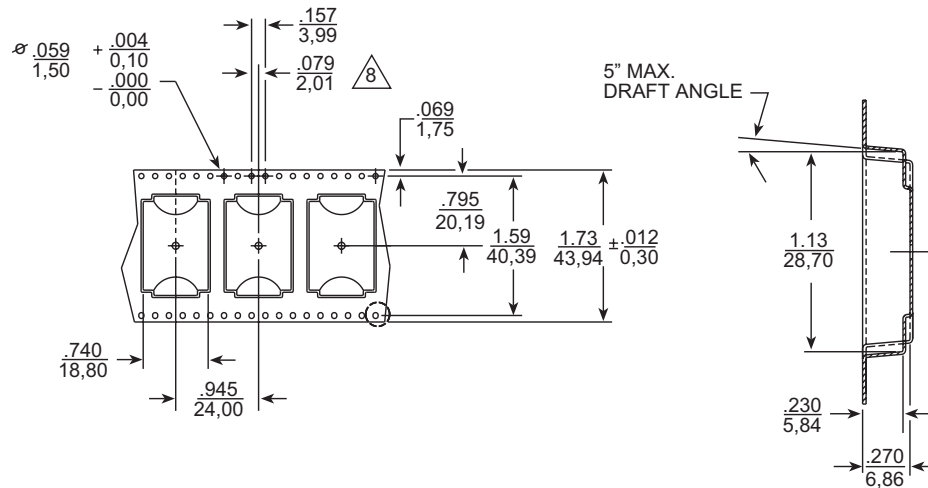
With Various Transmit Turns Ratios

Schematic

H1081NL



Tape & Reel Specifications



For More Information:

Americas - prodinfo@networkamericas@pulseelectronics.com | Europe - comms-Apps-Europe@pulseelectronics.com | Asia - prodinfo@networkapac@pulseelectronics.com

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