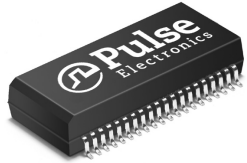


10/100Base-TX Dual Port Transformer Modules

For Use with Transceivers Requiring 1:1 Transmit and Receiving Turns Ratios



- RoHS reflow temperature rating 245°C
- Meets IEEE 802.3 specification
- Some models offer AutoMDIX capability

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

Part Number ¹	Insertion Loss (dB TYP)	Return Loss (dB TYP)				Crosstalk (dB TYP)				Differential to Common Mode Rejection (dB MIN)		HiPot (Vrms MIN)
	0.1-100 MHz	2-30 MHz	40 MHz	50 MHz	60-80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	1-60 MHz	60-200 MHz	
H1028NL ^{2d}	-0.5	-21	-17	-14.5	-12	-65	-55	-45	-35	-45	-35	1500
H1200NL ^{2d}	-1.0	-16	-14.4	-13	-12	-50	-45	-40	-35	-37	-35	1500

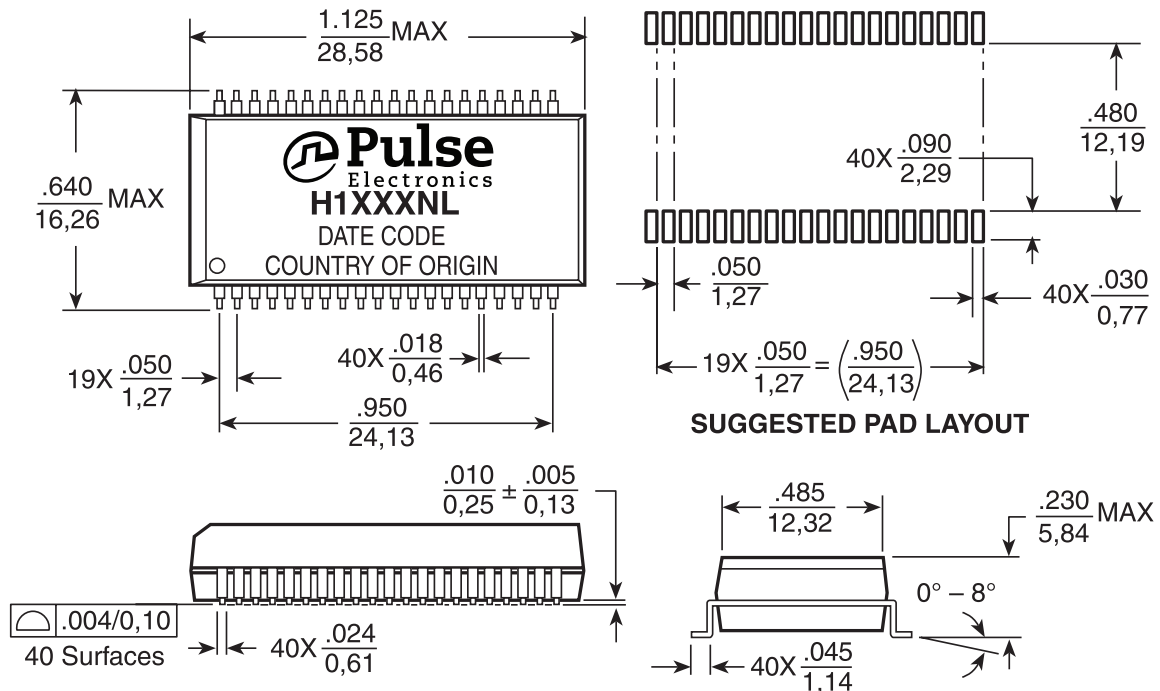
1. When ordering Tape and Reel packaging, add suffix "T" to the end of the part number, for example, H1028NLT.

2. MSL = Moisture Sensitivity Level a=1, b=2, c=3, d=4

3. Suitable for AutoMDIX applications

Mechanical

H1028NL



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 62787060

China 86 755 33966678

Taiwan 886 3 4356768

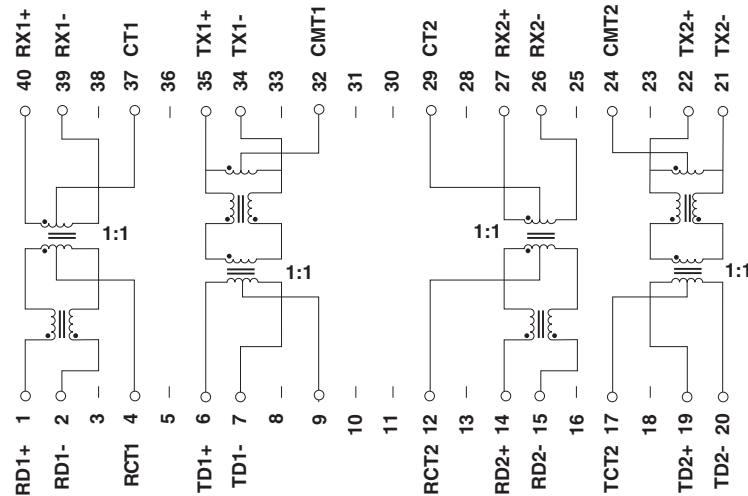
10/100Base-TX Dual Port Transformer Modules

For Use with Transceivers Requiring 1:1 Transmit and Receiving Turns Ratios



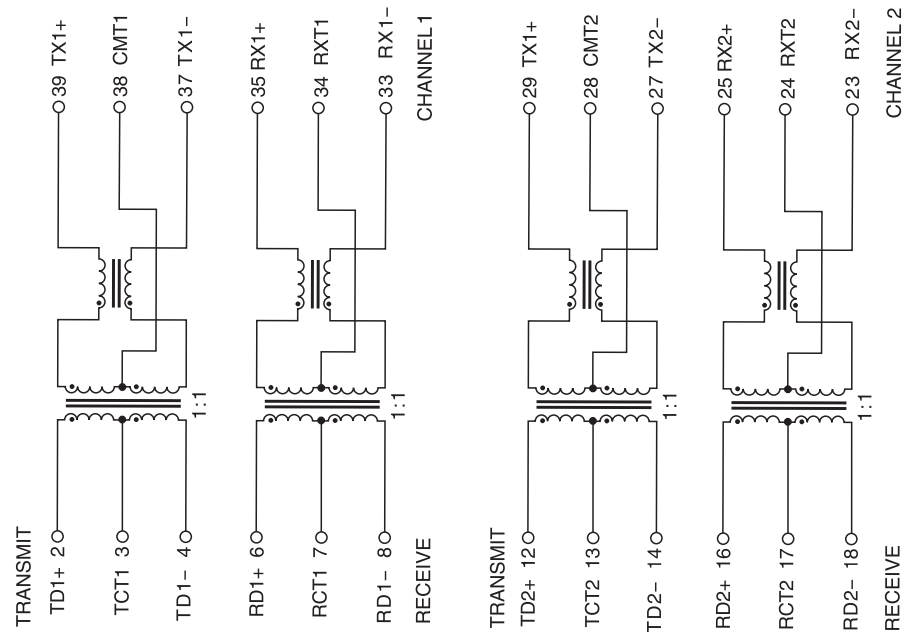
Schematics

H1028NL



H1028 does not have the additional choke.

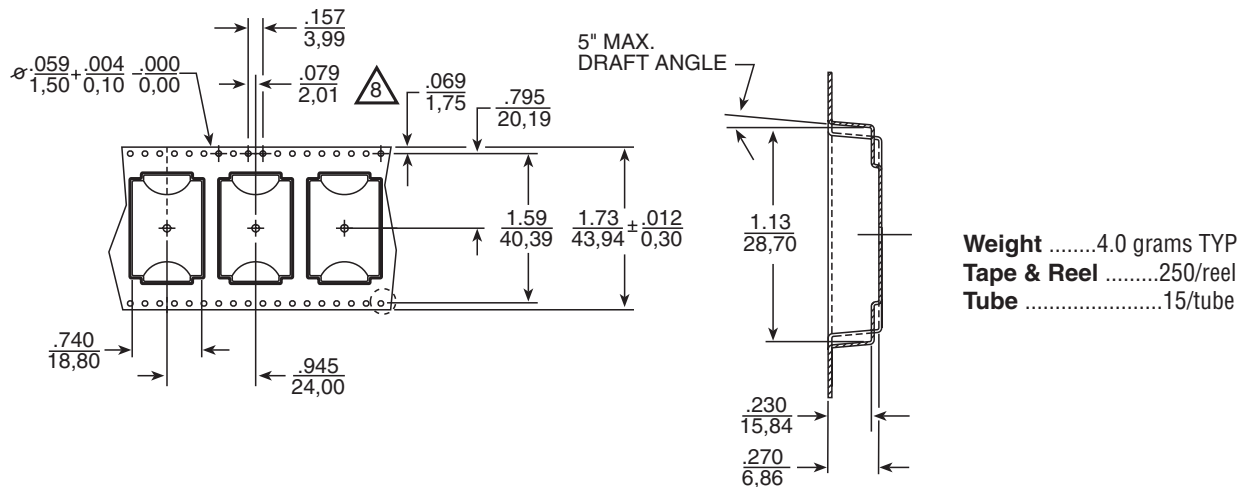
H1200NL



*For Use with Transceivers Requiring 1:1
Transmit and Receiving Turns Ratios*

Tape & Reel Specifications

H1XXNL



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