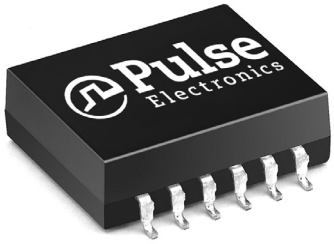
10/100Base-TX Single Port Transformer Modules

With Various Transmit Turns Ratios



- *RoHS peak reflow temperature rating 245°C*
- *Compact symmetrical size facilitates chip shooter placement and reduces manufacturing time*
- *Meets IEEE 802.3 specification*

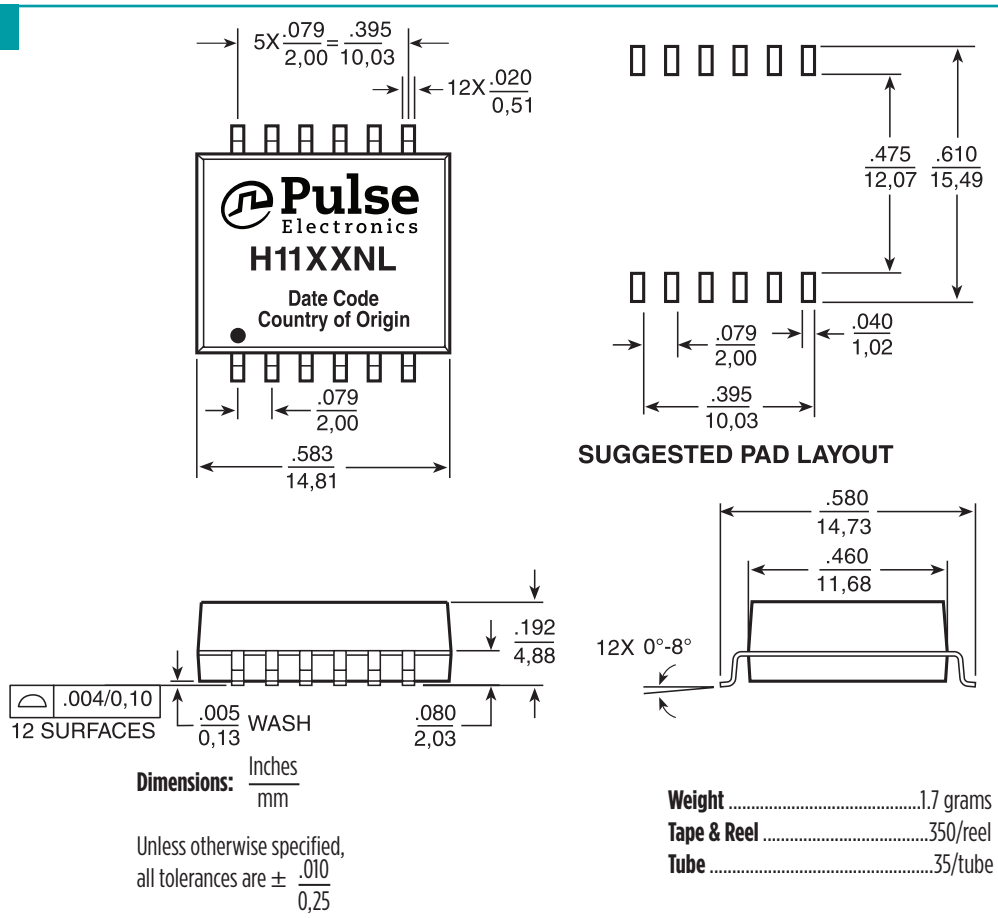
Electrical Specifications @ 25°C – Operating Temperature 0°C to +70°C

Part Number[1]	Turns Ratio (TRANSMIT)	Insertion Loss (dB MAX)	Return Loss (dB MIN)				Differential to Common Mode Rejection (dB TYP)				Crosstalk (dB TYP)			Hipot (Vrms)
		100 kHZ-100 MHz	1-30 MHZ	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	200 MHz	30 MHz	60 MHz	100 MHz	
H1112NL[2c]	1CT: 1CT	1.2	-16	-14	-13	-12	-59	-49	-42	-37	-40	-40	-35	1500
H1126NL[2c]	1CT: 1.41CT	1.2	-16	-14	-13	-12	-59	-49	-42	-37	-40	-40	-35	1500

1. For Tape & Reel packaging, add a **"T"** suffix at the end of the part number when ordering e.g. H1112NL**T**.
2. MSL = Moisture Sensitivity Level **a** = 1, **b** = 2, **c** = 3, **d** = 4

Mechanicals

H1112NL, H1126NL



Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

Weight .....1.7 grams
Tape & Reel 350/reel
Tube 35/tube

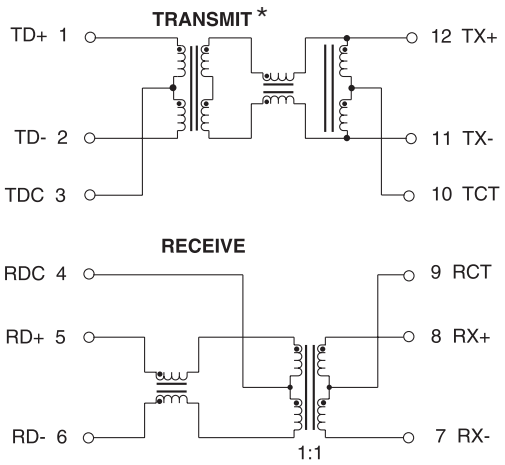
USA 858 674 8100 Germany 49 7032 7806 0 Singapore 65 6287 8998 Shanghai 86 21 62787060 China 86 755 33966678 Taiwan 886 3 4356768

10/100Base-TX Single Port Transformer Modules

With Various Transmit Turns Ratios

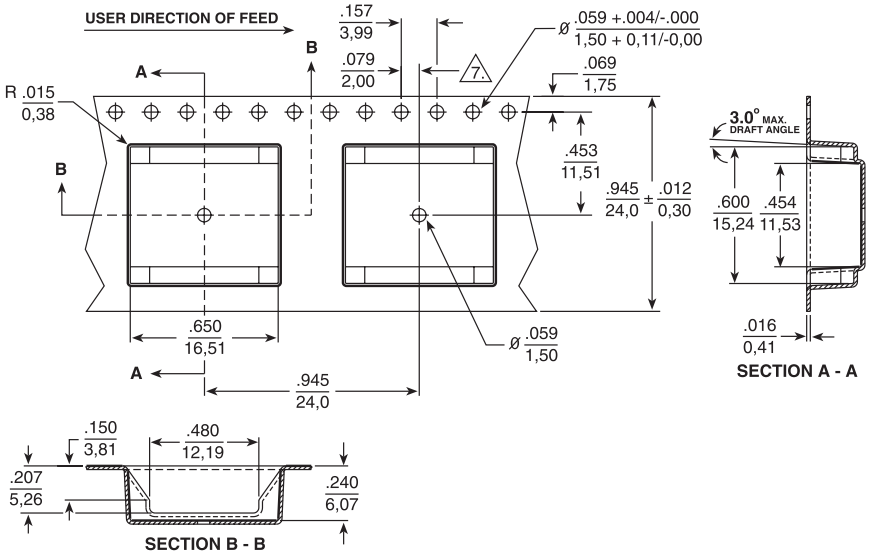
Schematics

H1112NL, H1126NL



* Reference Electrical Specifications chart for turns ratio.

Tape & Reel Specifications



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