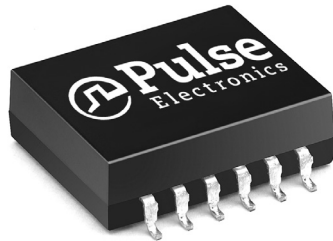


10/100Base-TX Single Port Transformer Modules

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

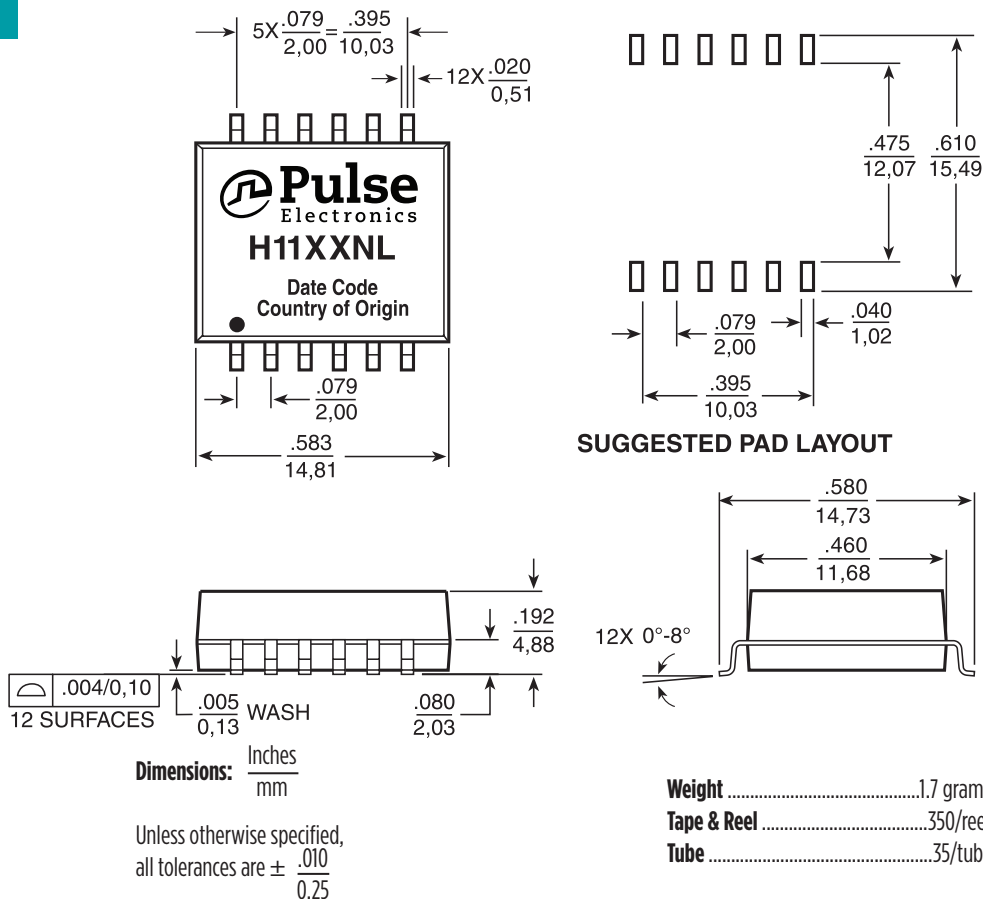
Part Number ¹	Turns Ratio (TRANSMIT)	Insertion Loss (dB MAX)	Return Loss (dB MIN)				Differential to Common Mode Rejection (dB TYP)				Crosstalk (dB TYP)			Hipot (Vrms)
		100 kHz-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	200 MHz	30 MHz	60 MHz	100 MHz	
H1112NL ^{2c}	1CT: 1CT	1.2	-16	-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. H1112NLT.

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

Mechanicals

H1112NL, H1126NL



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

With Various Transmit Turns Ratios

H1112NL, H1126NL



USER DIRECTION OF FEED

R .015
0,38

B

A

.157
3,99

.079
2,00

.059 + .004 / - .000
1,50 + 0,11 / - 0,00

.069
1,75

.453
11,51

.945 ± .012
24,0 ± 0,30

.650
16,51

.945
24,0

Ø .059
1,50

3.0° MAX. DRAFT ANGLE

.600
15,24

.454
11,53

.016
0,41

SECTION A - A

.150
3,81

.480
12,19

.207
5,26

.240
6,07

SECTION B - B

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2

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