

10/100BASE-T SINGLE PORT TRANSFORMER MODULES

With Various Transmit Turns Ratios



- Compact symmetrical size facilitates chip shooter placement and reduces manufacturing time
- IEEE 802.3 and ANSI X3.263 compliant including 350 μ H OCL with 8 mA bias
- IC grade transfer-molded package withstands temperatures over 235°C
- Patented interlock base construction for high reliability

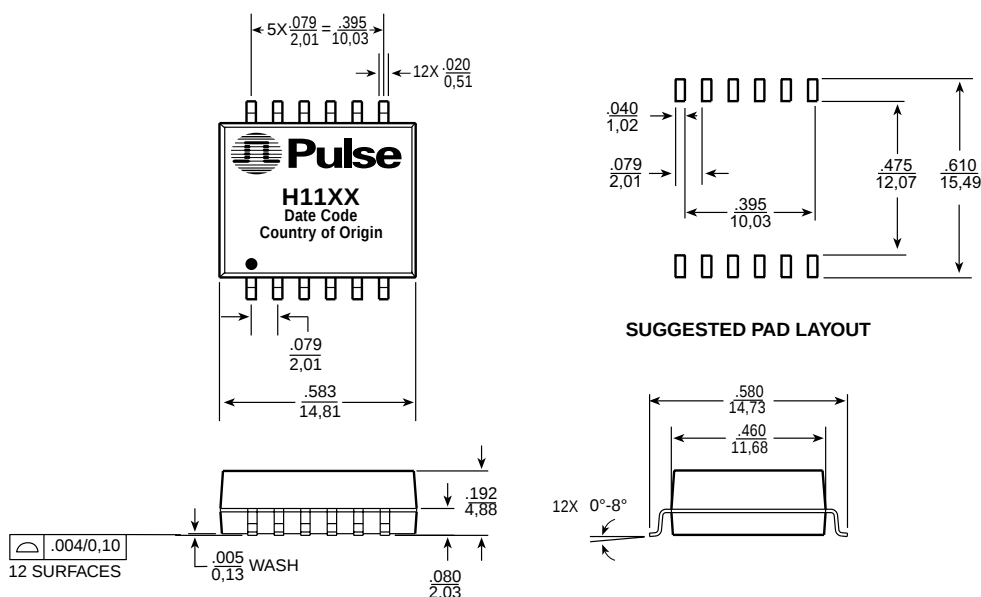
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Transmit Turns Ratio	Auto Transformer	Insertion Loss 100 KHz-100 MHz (dB MAX)	Return Loss XMIT (dB MIN)				Differential to Common Mode Rejection (dB TYP)				Crosstalk (dB MIN)				Hipot (Vrms MIN)
				1-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	200 MHz	1 MHz	30 MHz	60 MHz	100 MHz	
H1112	1CT:1CT	YES	1.2	-16	-14	-13	-12	-59	-49	-42	-37	-60	-40	-40	-35	1500
H1113	1CT:1CT	NO	1.2	-16	-14	-13	-12	-55	-45	-38	-33	-60	-40	-40	-35	1500
H1125	2CT:1CT	NO	1.2	-16	-14	-13	-12	-55	-45	-38	-23	-60	-40	-40	-35	1500
H1126	1CT: $\sqrt{2}$ CT	YES	1.2	-16	-14	-13	-12	-59	-49	-42	-37	-60	-40	-40	-35	1500

U.S. Patent No. 5,015,981

Mechanical

H1112, H1113, H1125, H1126



Dimensions: Inches
mm

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

Weight1.7 grams
Tape & Reel350/reel
Tube30/tube

U.S: 858 674 8100 • U.K: 44 1483 401 700 • France: 33 3 84 35 04 04 • Singapore: 65 287 8998 • Taiwan: 886 2 2698 0228 • <http://www.pulseeng.com>

PRELIMINARY H326.P (12/00)

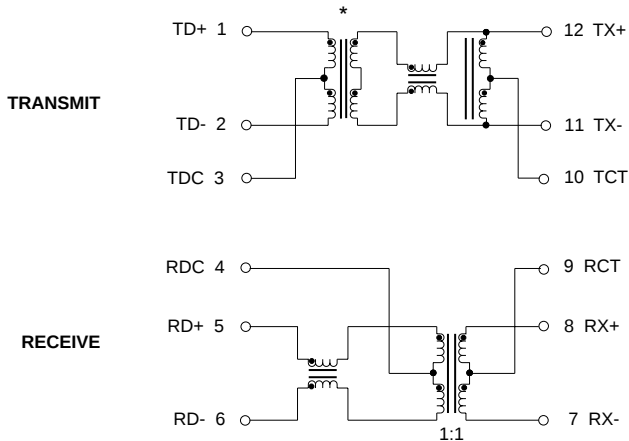
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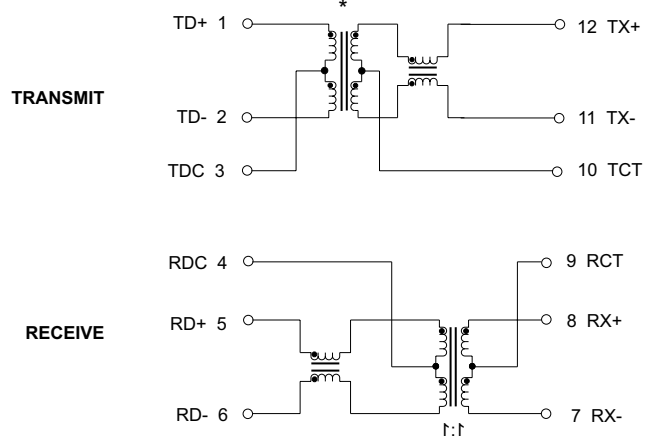


Schematics

H1112, H1126

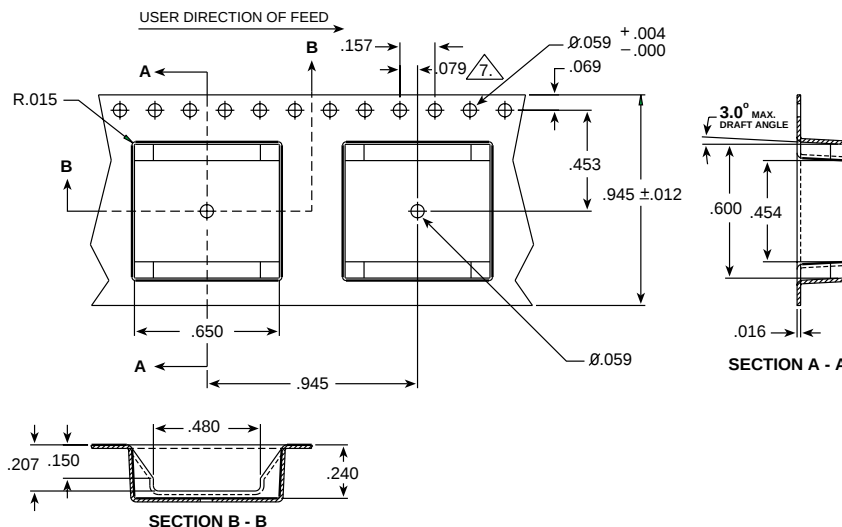


H1113, H1125



* Reference Electrical Specifications chart for turns ratio.

Tape and Reel Specifications



Modules are packaged in tubes unless Tape and Reel specified. Please add the suffix "T" such as H1112T for Tape and Reel orders.

For More Information :

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