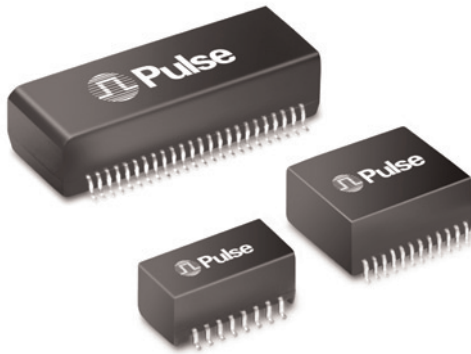


10/100BASE-TX VOICE OVER IP MAGNETICS MODULES



- IEEE 802.3af/ANSI X3.263 compliant performance
- 350 mA current capability
- Designed for IP phone or switch applications
- Compact footprint
- Some models offer AutoMDIX capability

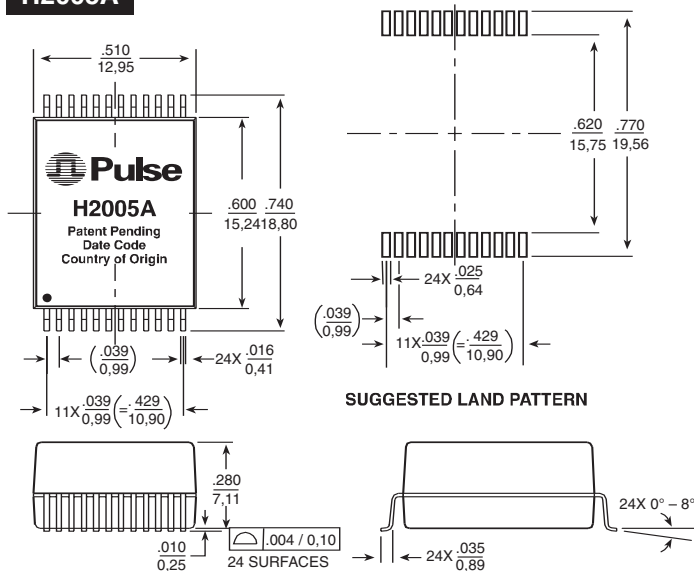
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Ports	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100 Ω)					Differential to Common Mode Rejection (dB MIN)				Crosstalk (dB MIN)		Hipot (Vrms MIN)	DC Resistance Balance ≤ (%)
		1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz			
H2019	1	-1.2	-16	-14	-13	-12	-43	-37	-33	-45	-40	-35	1500	3.5	
H2005A	2	-1.2	-16	-14	-13	-12	-50	-43	-35	-43	-37	-33	1500	3.5	
H2006A	2	-1.2	-16	-14	-13	-12	-43	-37	-33	-43	-37	-31	1500	3.5	
H2008	2	-1.2	-16	-14	-13	-12	-40	-35	-30	-43	-37	-33	1500	3.5	
H2009*	2	-1.1	-16	-14	-13	-12	-43	-37	-33	-43	-37	-33	1500	3.5	
H2014	4	-1.2	-16	-14	-13	-12	-43	-37	-33	-45	-40	-35	1500	3.5	

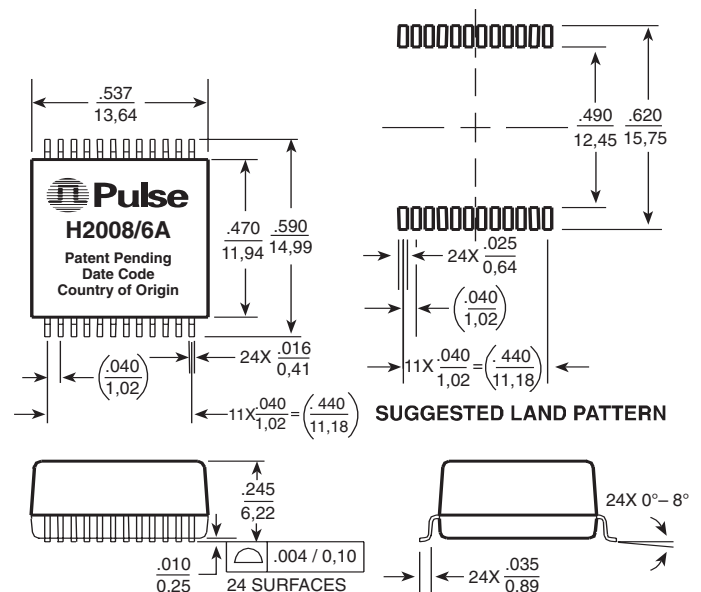
*Suitable for Auto MDIX applications.

Mechanicals

H2005A



H2006A, H2008



Weight 2.7 grams
Tape & Reel 300/reel
Tube 25/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm .010$
 $\frac{\text{mm}}{0.25}$

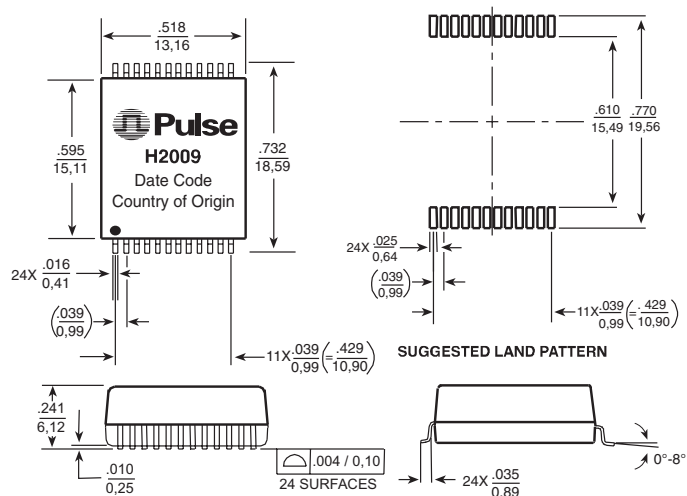
Weight 2.4 grams
Tape & Reel 350/reel
Tube 35/tube

10/100BASE-TX VOICE OVER IP MAGNETICS MODULES

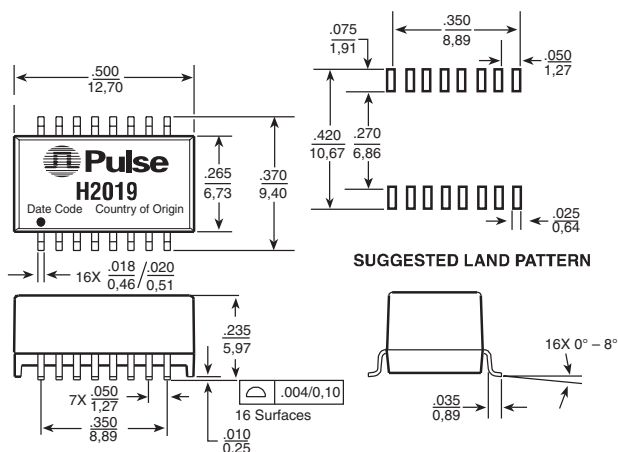


Mechanicals (continued)

H2009



H2019

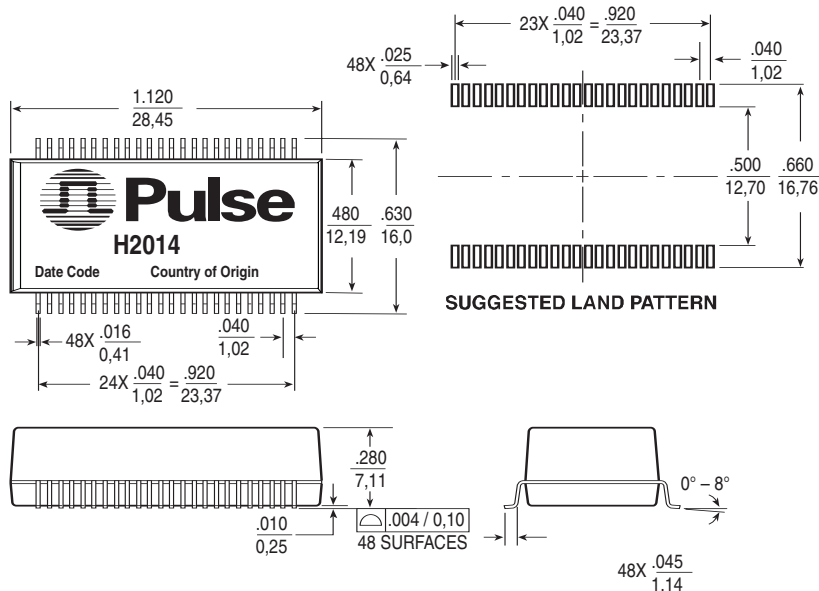


Weight 1.6 grams
Tape & Reel 300/reel
Tube 35/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

Weight 1.0 grams
Tape & Reel 600/reel
Tube 45/tube

H2014



Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

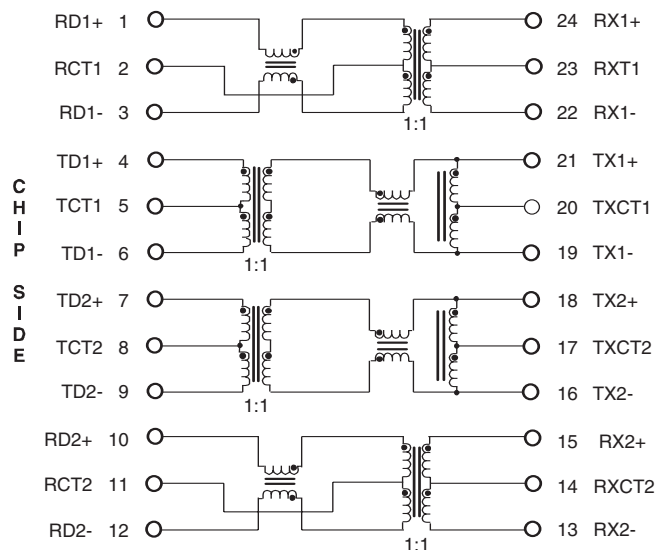
Weight 5.0 grams
Tape & Reel 250 /reel
Tube 15/tube

10/100BASE-TX VOICE OVER IP MAGNETICS MODULES

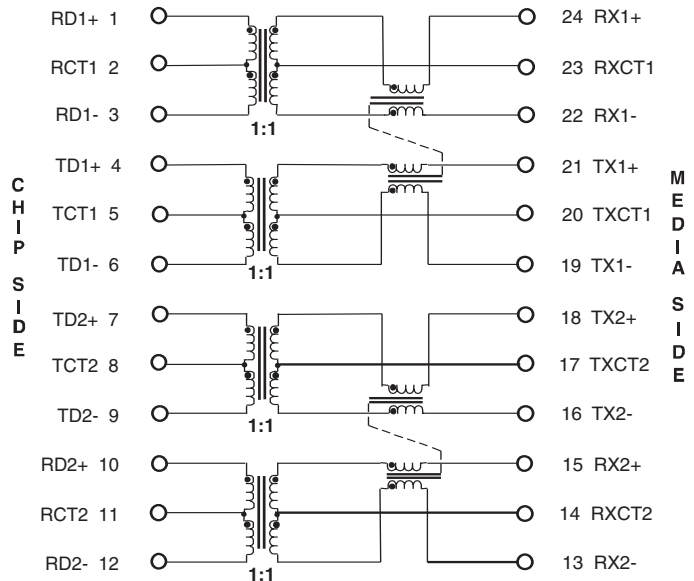


Schematics

H2005A

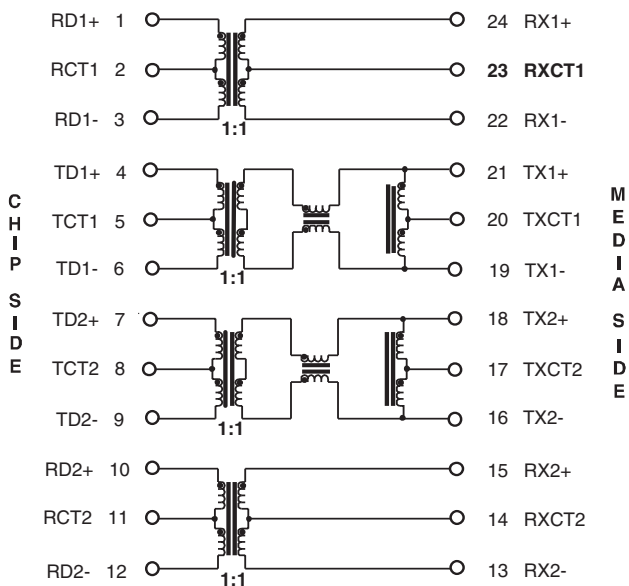


H2006A

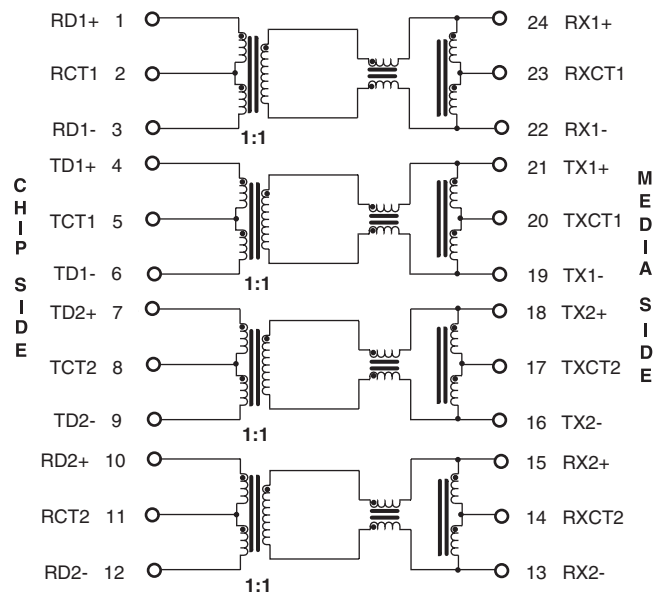


NOTE: The H2006A is suitable for AutoMDIX applications.

H2008



H2009



NOTE: The H2009 is suitable for AutoMDIX applications.

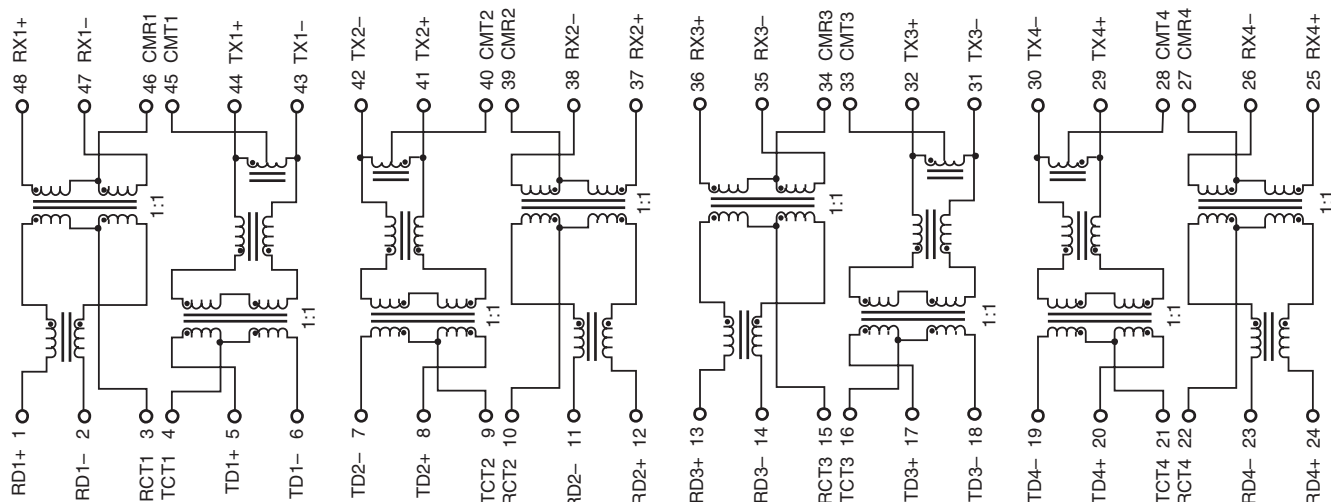
10/100BASE-TX VOICE OVER IP MAGNETICS MODULES



Schematics (continued)

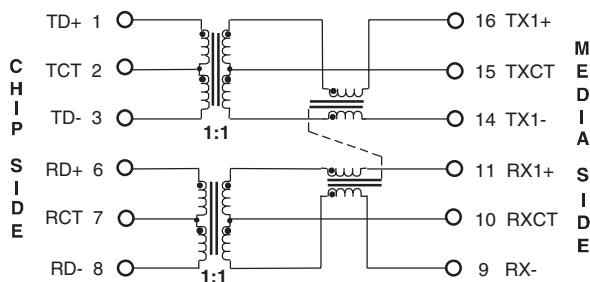
H2014

MEDIA SIDE



CHIP SIDE

H2019



For More Information:

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

TAIWAN, R.O.C. (Northern Asia)

3F-4, No. 81, Sec. 1
HsinTai Wu Road
Hsi-Chih, Taipei Hsien
Taiwan, R.O.C.
Tel: 886 2 2698 0228
FAX: 886 2 2698 0948

HONG KONG (Great China)

19/F, China United Plaza
1008 Tai Nan West Street
Cheung Sha Wan, Kowloon
Hong Kong, China
TEL: 852 2788 6588
FAX: 852 2776 1055

DISTRIBUTOR

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

♻️ Printed on recycled paper. © Copyright, 2002, Pulse Engineering, Inc. All rights reserved.

H327.B (11/02)