

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

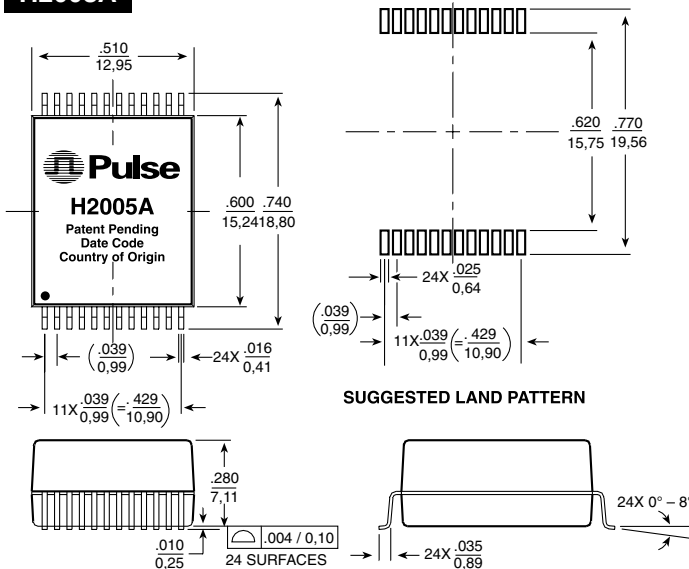
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

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

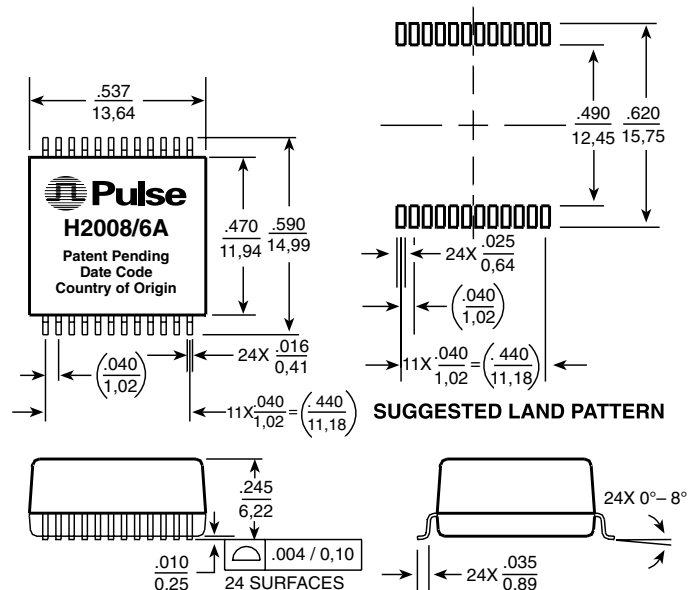
*Suitable for Auto MDIX applications.

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 $\pm \frac{.010}{.025}$

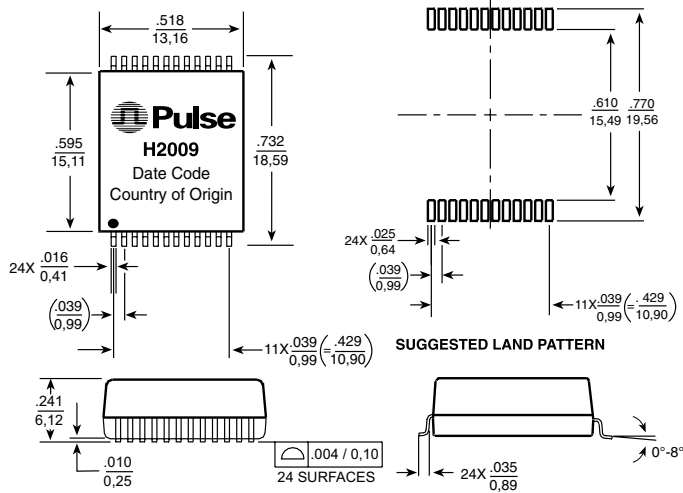
Weight 2.4 grams
Tape & Reel 350/reel
Tube 35/tube

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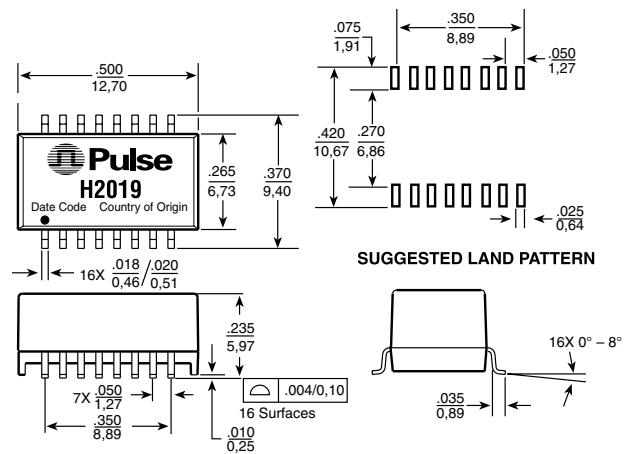


Mechanicals (continued)

H2009



H2019

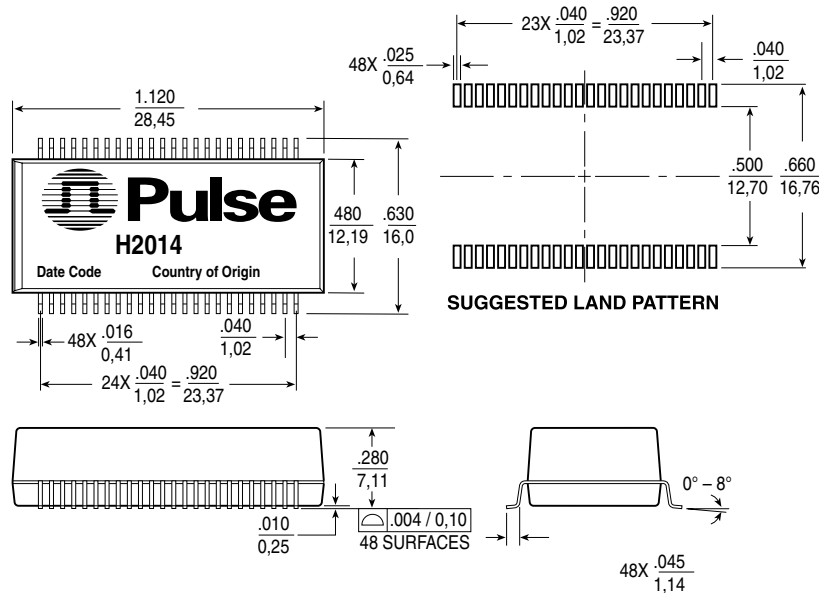


Weight 1.6 grams
Tape & Reel 300/reel
Tube 35/tube

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 $\pm \frac{.010}{0,25}$

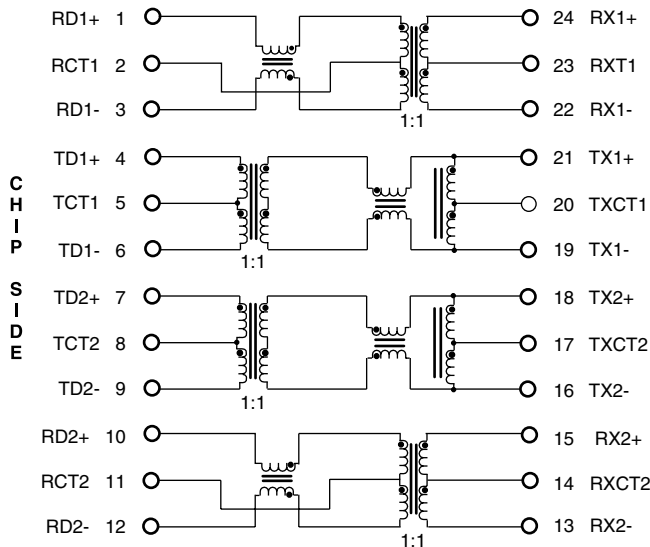
Weight 5.0 grams
Tape & Reel 250 /reel
Tube 15/tube

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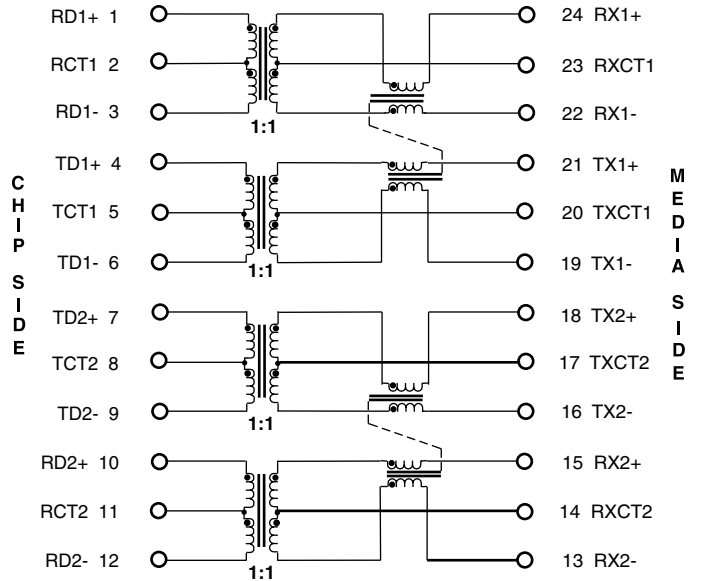


Schematics

H2005A

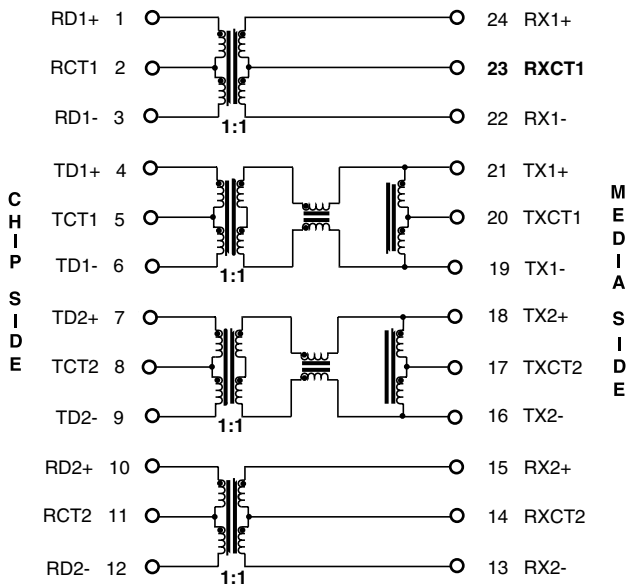


H2006A

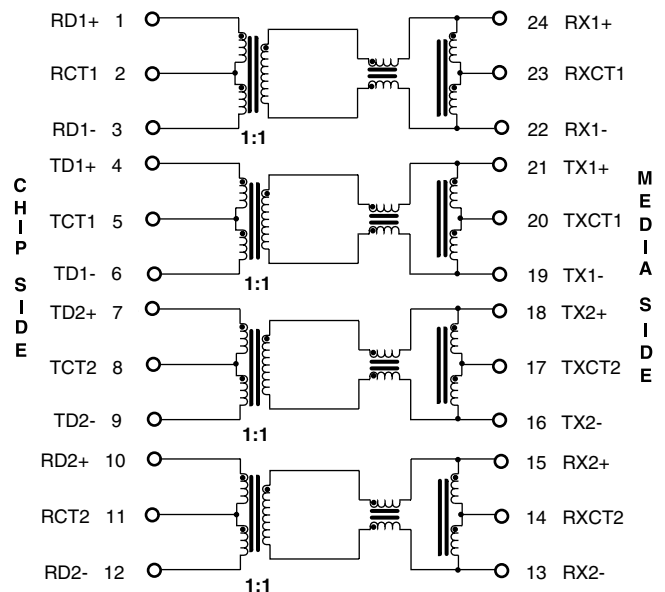


NOTE: The H2006A is suitable for AutoMDIX applications.

H2008



H2009



NOTE: The H2009 is suitable for AutoMDIX applications.

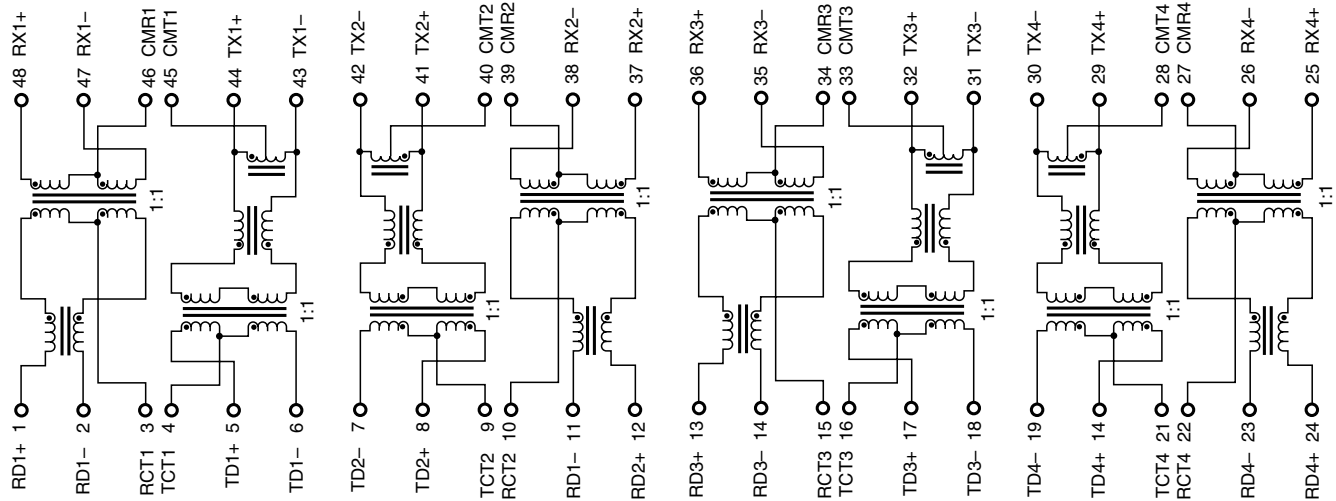
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Schematics (continued)

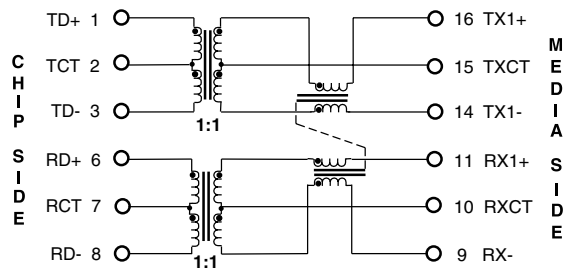
H2014

MEDIA SIDE



CHIP SIDE

H2019



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