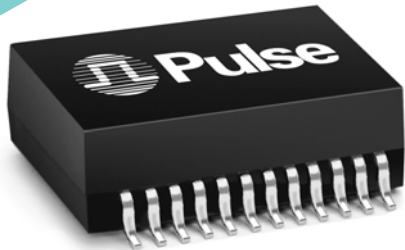


1000BASE-T MAGNETICS MODULES

Designed to Support
1:1 Turns Ratio Transceivers



NEW!



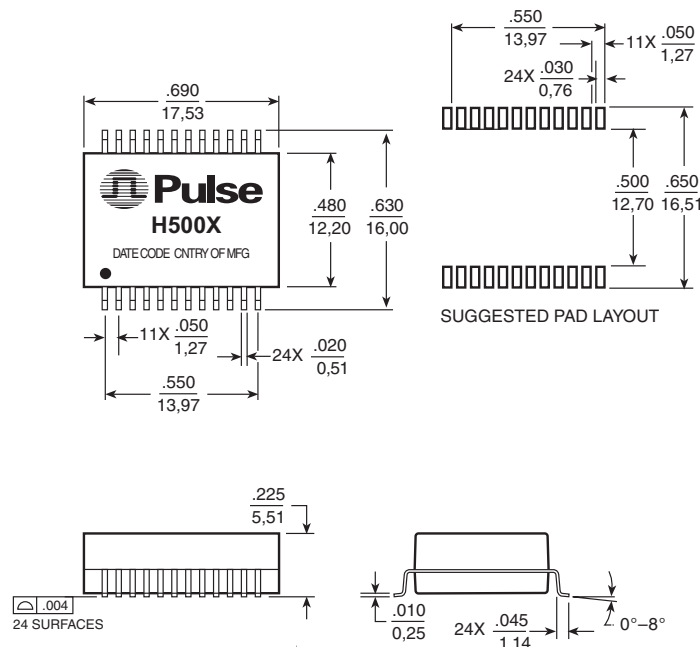
- ➊ Designed for long haul Gigabit Ethernet 100/1000Base-T, full duplex applications
- ➋ Supports 4 pairs of category 5 UTP cable
- ➌ Cable interface for isolation and low common mode emissions
- ➍ Compliant with IEEE 802.3ab standard for 1000Base-T

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

Part Number	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100Ω)					Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
		1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	
H5004	1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500
H5007	1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500

Mechanical

H5004, H5007



Weight2.7 grams
Tape & Reel300/reel
Tube25/tube

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

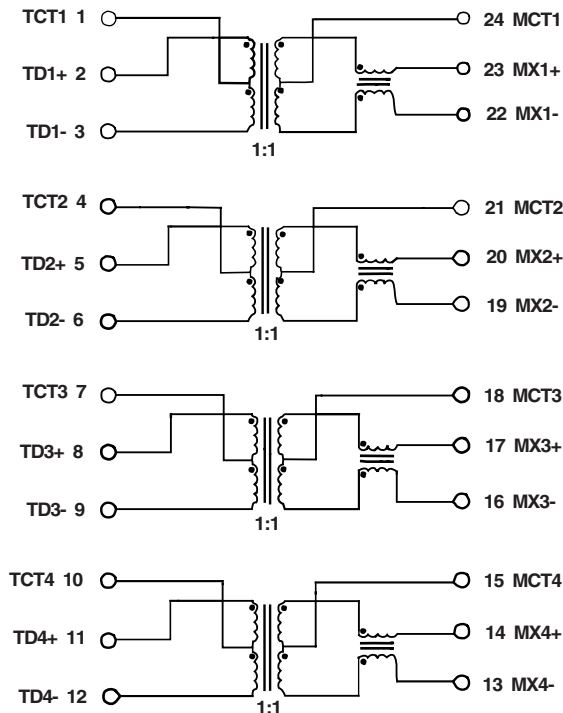
1000BASE-T MAGNETICS MODULES

Designed to Support 1:1 Turns Ratio Transceivers



Schematics

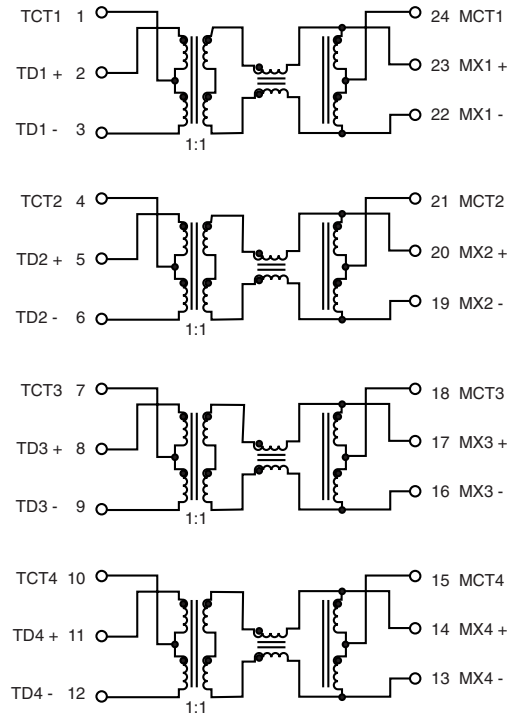
H5004



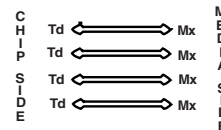
LEGEND



H5007



LEGEND



For More Information :

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
Quick-Facts: 619 674 9672
<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

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.