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1000BASE-T
Magnetics Module

Designed to Support 1:1 Turns Ratio Transceivers

Pulse
A YAGEO Company
NETWORK PRODUCTS



- *RoHS peak reflow temperature rating 245°C*
- *Meets IEEE 802.3 specification*

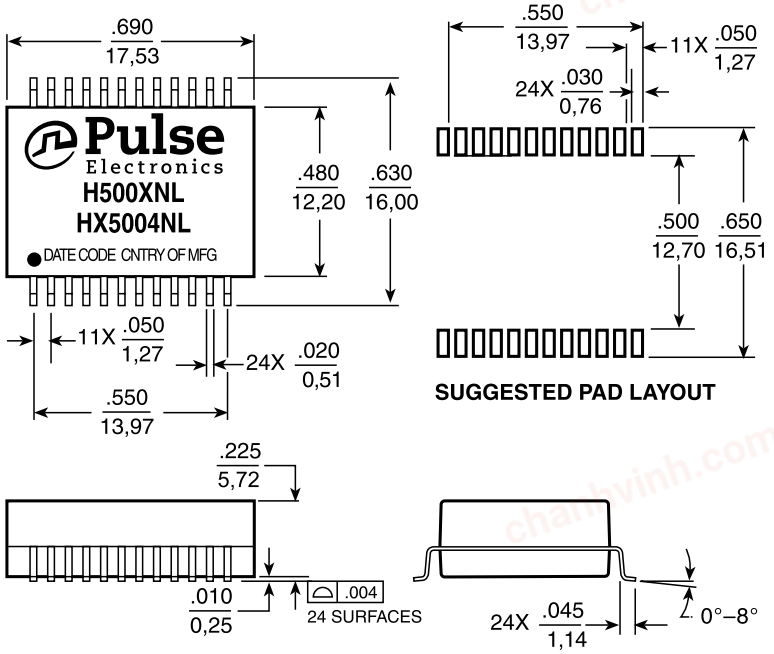
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

RoHS Compliant Part Number[2]	Number of Ports	Insertion Loss (dB MAX)	Return Loss (dB MIN)					Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms)
		1-100 MHz	1-30MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
H5004NL[3d]	1	1	-18	-18	-16	-12	-10	-43	-37	-33	-43	-37	-33	1500
HX5004NL[1, 3d]	1	1	-18	-18	-16	-12	-10	-43	-37	-33	-43	-37	-33	1500
H5007NL[3d]	1	1	-18	-18	-16	-12	-10	-43	-37	-33	-43	-37	-33	1500

Notes:
1. HX = extended temperature version -40°C to +85°C
2. For Tape & Reel packaging, add a "T" suffix at the end of the part number, e.g. H5007NLT.
3. MSL = Moisture Sensitivity Level: a = 1, b = 2, c = 3, d = 4

Mechanical

H5004NL, HX5004NL, H5007NL



Weight ..... 1.6 grams
Tape & Reel 300/Reel
Tube 25/Tube

Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

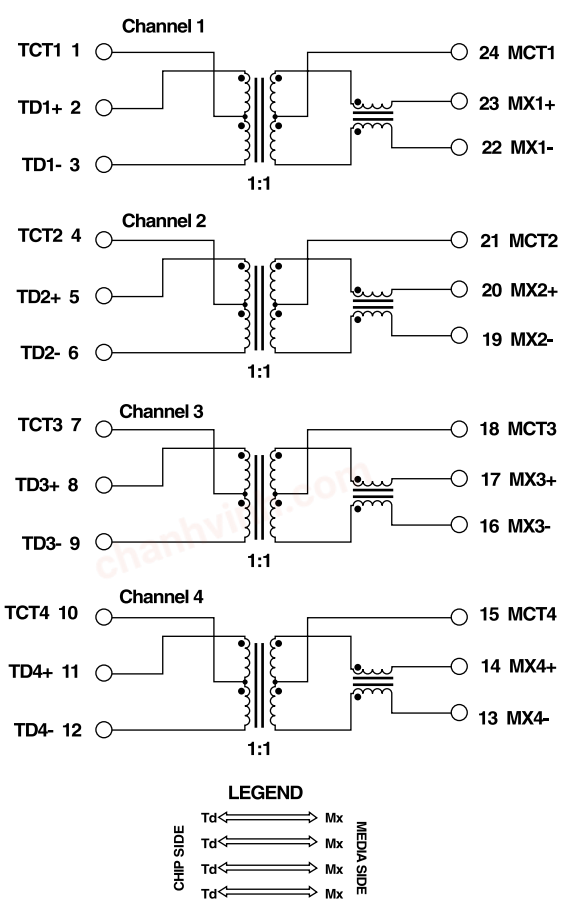
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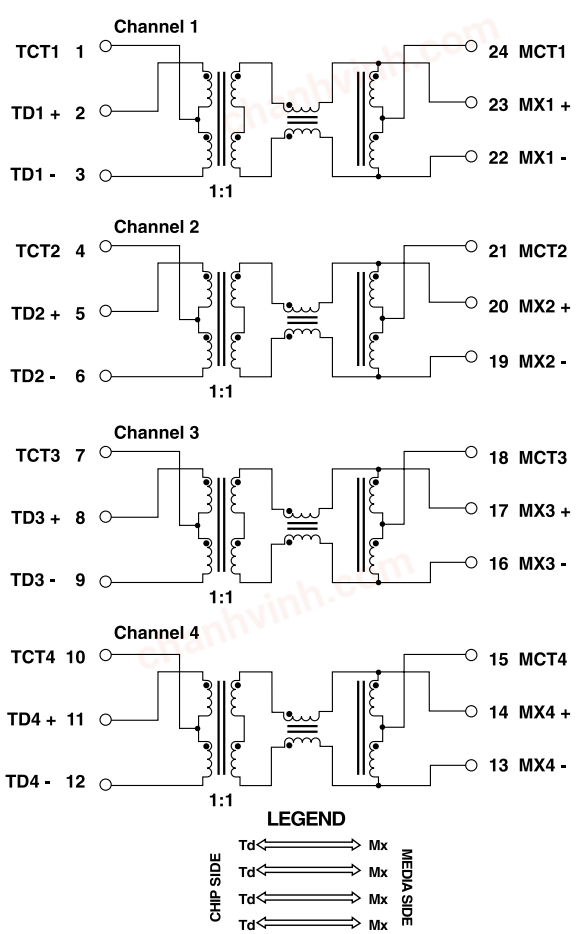
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Schematics

H5004NL
HX5004NL



H5007NL



For More Information:
Americas - prodinfonetworkamericas@pulseelectronics.com | **Europe -** comms-apps-europe@pulseelectronics.com | **Asia -** prodinfonetworkapac@pulseelectronics.com

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