



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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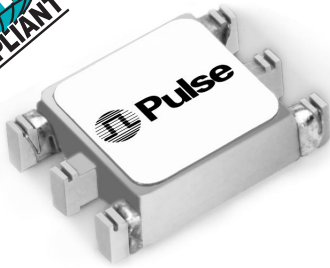
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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RF TRANSFORMER

Low Profile Transformer for Wideband RF Applications



- Miniature surface mount package
- Under .098" tall; meets PCMCIA requirements
- Excellent insertion loss
- RoHS peak reflow temperature rating: 245°C

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

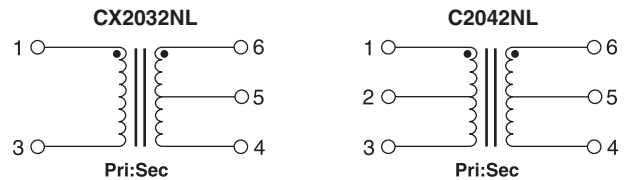
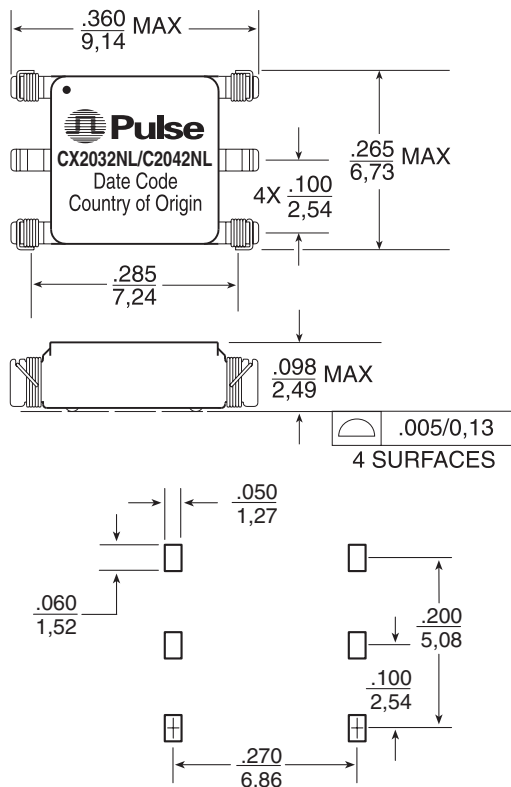
Part Number	Impedance Ratio ¹ Pri:Sec (±2%)	Turns Ratio ¹ Pri:Sec (±2%)	Bandwidth ^{2,3} (MHz TYP)				Insertion Loss @ Midband (dB)
			3 dB	2 dB	1 dB	0.5 dB	
CX2032NL	1:4CT	1:2CT	—	—	—	5-165	0.6
C2042NL	1CT:1CT	1CT:1CT	0.3-300	0.4-200	0.5-90	—	0.6 MAX

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number.

Mechanicals

Schematics

CX2032NL/C2042NL



Weight 17 grams

Tape & Reel 1500/tray

Tube60/tube

Dimensions: Inches
mm

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

SUGGESTED PAD LAYOUT

USA 215 781 6400

Germany 49 7032 7806 0

Singapore 65 6287 8998

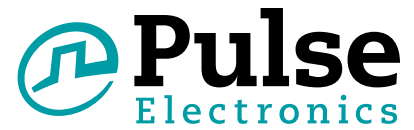
Shanghai 86 21 62787060

China 86 755 33966678

Taiwan 886 3 4356768

RF TRANSFORMER

Low Profile Transformer for Wideband RF Applications



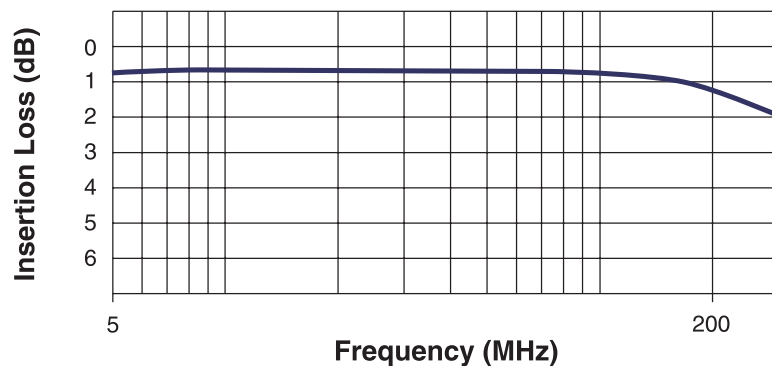
Application Notes

- A. Bandwidth specifications are typical in a 75 Ω system.
- B. Materials used in the products are UL94-V0 recognized.
Products meet requirements of IEC 695-2-2 (Needle Flame Test).
- C. For additional impedance ratios and frequency ranges, please contact Applications Engineering.

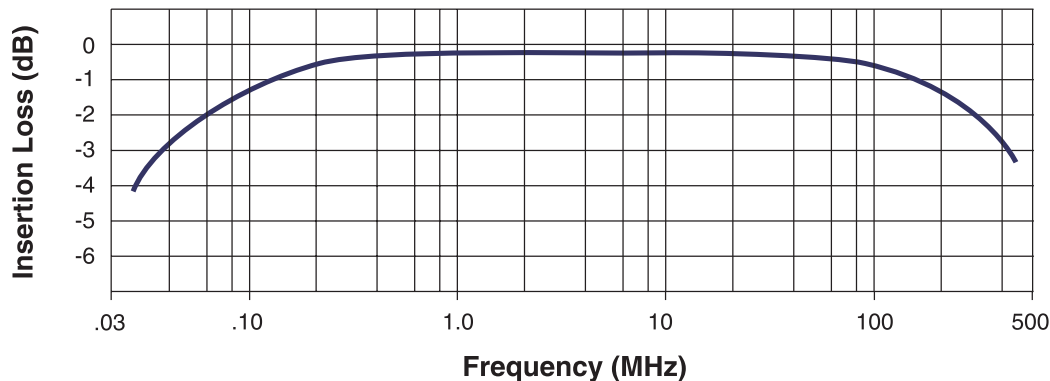
Notes from Tables

- 1. Impedance and turns ratios are specified primary:secondary. (CT=Center Tap).
- 2. Bandwidth is referenced to midband loss.
- 3. These transformers are verified to operate from -40°C to +85°C. Contact Applications Engineering for performance data.

CX2032NL - Typical Insertion Loss @ 25°C



C2042NL - Typical Insertion Loss @ 25°C



For More Information

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