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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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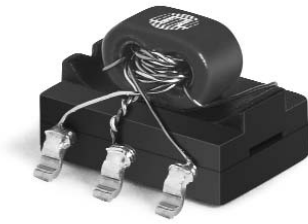
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# RF TRANSFORMER

## For Wideband RF Applications



- For single-ended to balanced applications
- Value-oriented construction
- Small surface mount package
- Excellent insertion loss
- Various impedance ratios available

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

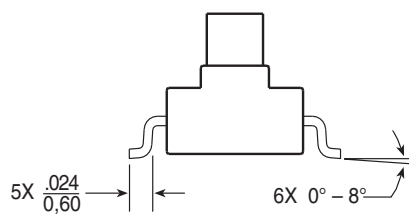
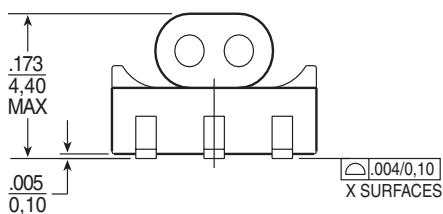
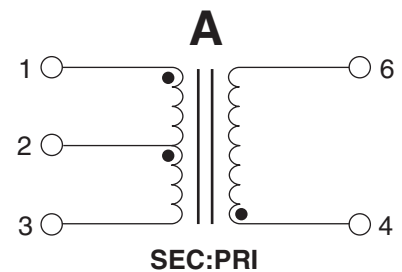
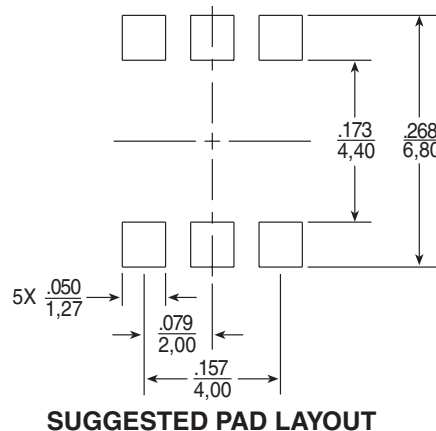
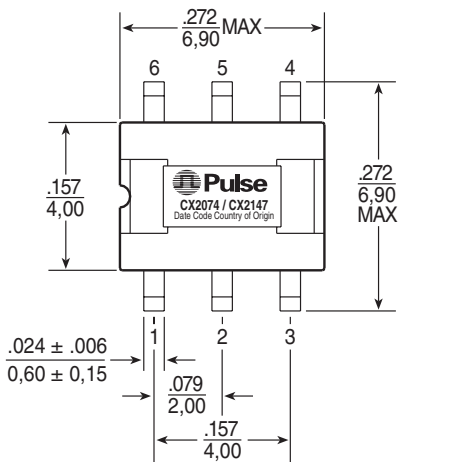
Part Number	Impedance Ratio <sup>1</sup> Pri:Sec (±2%)	Turns Ratio <sup>1</sup> Pri:Sec (±2%)	Bandwidth <sup>2,3</sup> (MHz TYP)	Insertion Loss @ Midband (dB)	Schematic
CX2074	1:4CT	1:2CT	1-500	0.6	A
CX2147	1:1CT	1:1CT	5-200	0.3	A

**NOTE:** Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: CX2074T).

### Mechanical

### Schematic

#### CX2074/CX2147



Weight ..... .0.15 grams  
 Tape & Reel ..... .1000 /reel  
 Tray ..... .170 /tray

Dimensions: Inches  
                   mm  
 Unless otherwise specified,  
 all tolerances are ± .010  
                                   0,25

# RF TRANSFORMER

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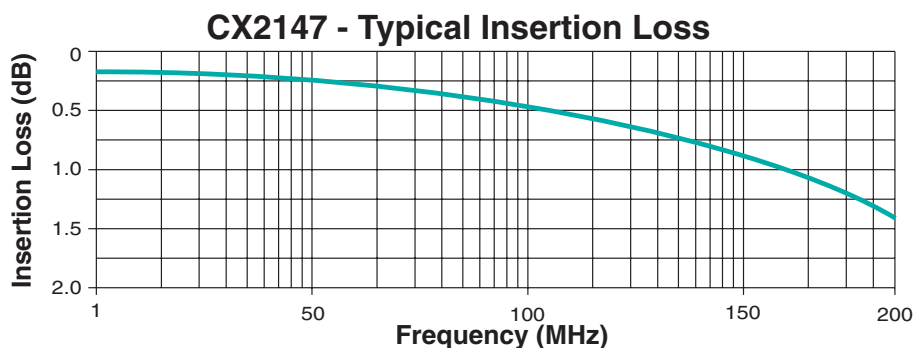
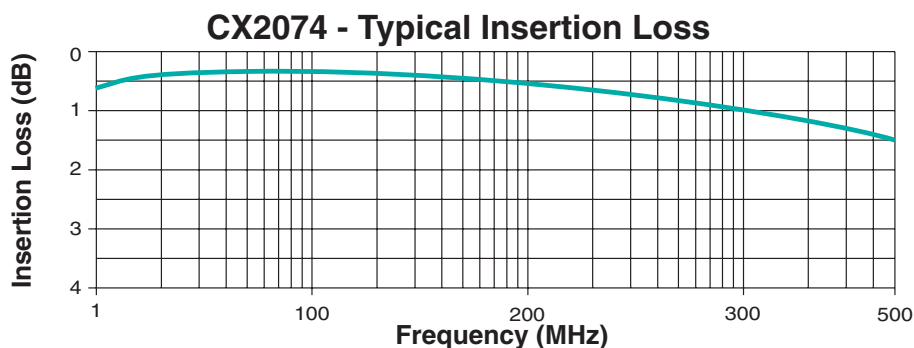


### Application Notes

- A. Bandwidth specifications are typical in a 75  $\Omega$  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.



### For More Information :

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