

# 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

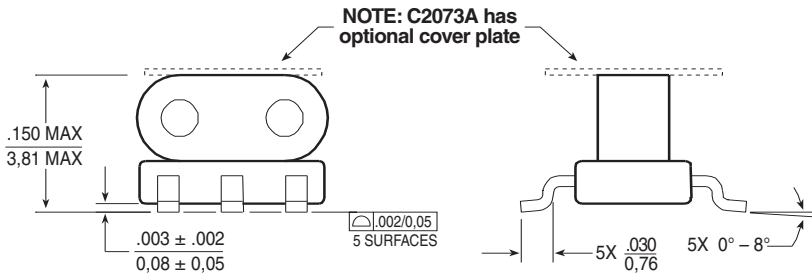
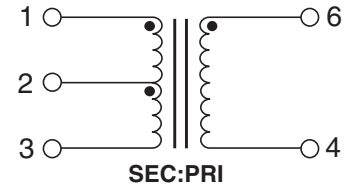
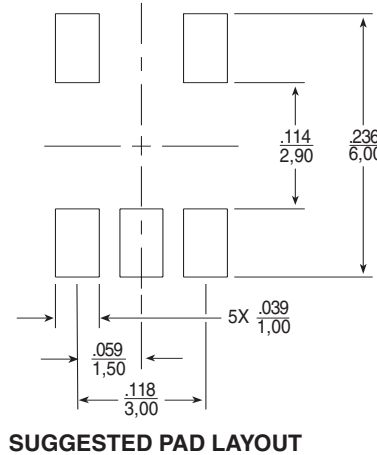
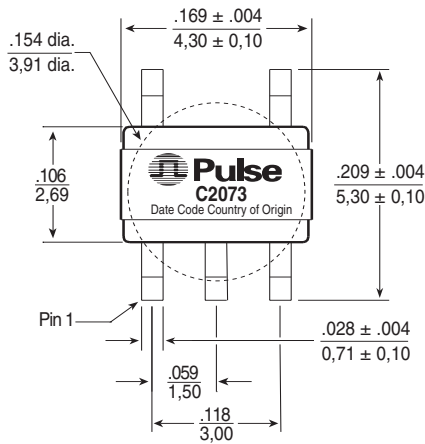
Part No.	Impedance Ratio <sup>1</sup> Pri:Sec (±2%)	Turns Ratio <sup>1</sup> Pri:Sec (±2%)	Insertion Loss		Amplitude Balance		Phase Balance		Return Loss	
			5-65 MHz (dB TYP/MAX)	65-200 MHz (dB TYP/MAX)	5-65 MHz (dB TYP/MAX)	65-200 MHz (dB TYP/MAX)	5-65 MHz (deg. MAX)	65-200 MHz (deg. MAX)	5-65 MHz (dB TYP/MIN)	65-200 MHz (dB TYP/MIN)
C2073	1:4CT	1:2CT	0.50/0.70	0.80/1.20	0.01/0.02	0.02/0.05	0.4/2.0	2.0/5.0	20/15	13/7.0

**NOTE:** Optional cover plate is available. Part with cover plate is designated C2073A. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: C2073T or C2073AT).

### Mechanical

### Schematic

#### C2073



**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0.25}$

# RF TRANSFORMER

## For Wideband RF Applications

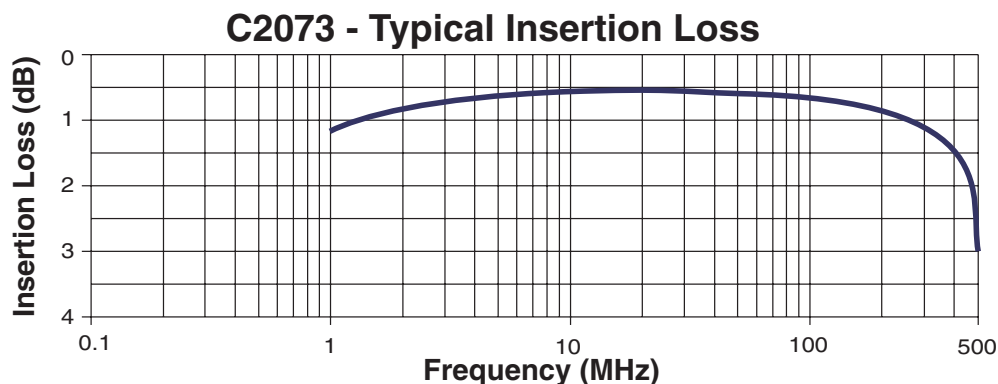


### Application Notes

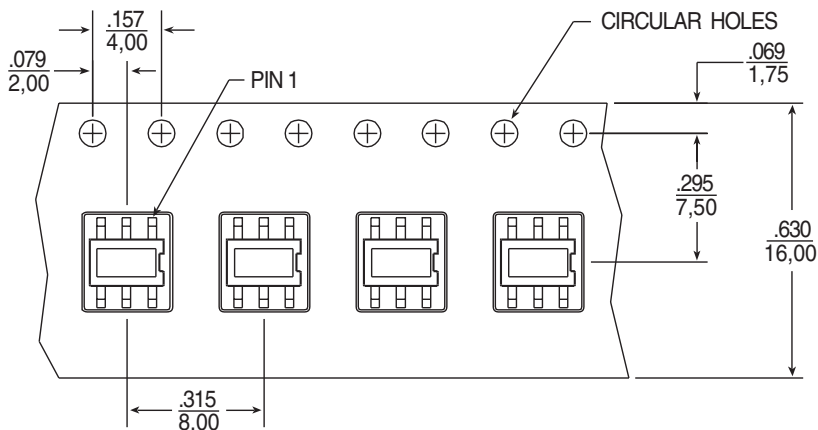
- A. Materials used in the products are UL94-V0 recognized. Products meet requirements of IEC 695-2-2 (Needle Flame Test).  
 B. For additional impedance ratios and frequency ranges, please contact Applications Engineering.

### Notes from Tables

1. Impedance and turns ratios are specified primary:secondary.  
 (CT=Center Tap).



### Tape and Reel Information



Weight . . . . . 0.43 grams  
 Tape & Reel . . . . . 2200 /reel  
 Tray . . . . . 100 /tray

USER DIRECTION OF FEED →  
 QTY: 2200 PCS / REEL

### For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	1 & 2 Huxley Road The Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 6287 8998 FAX: 65 6280 0080	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	19/F, China United Plaza 1008 Tai Nan West Street Cheung Sha Wan, Kowloon Hong Kong, China TEL: 852 2788 6588 FAX: 852 2776 1055	

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.