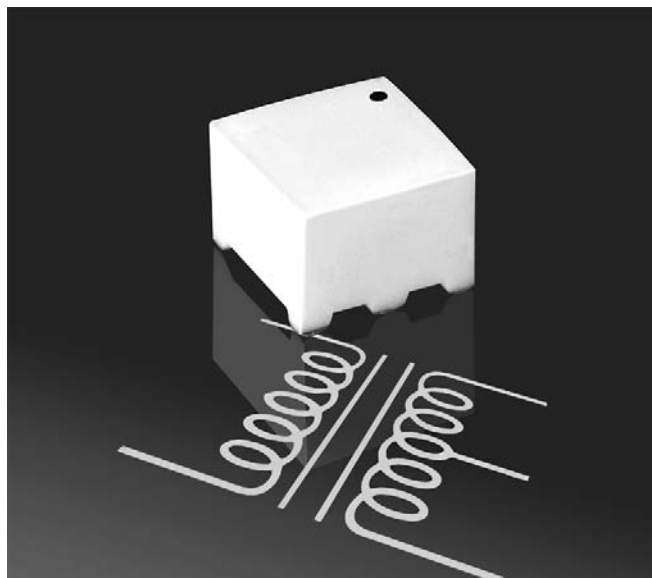


# Surface Mount Wideband RF Transformers



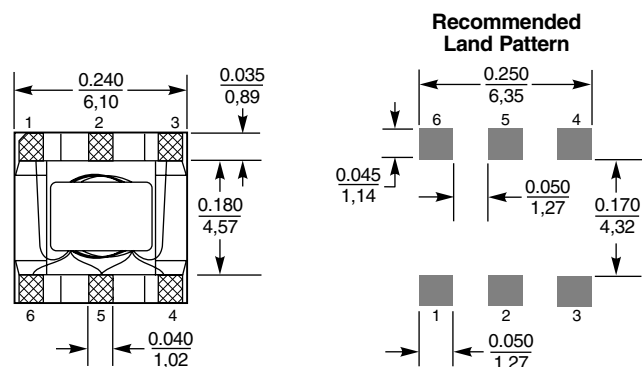
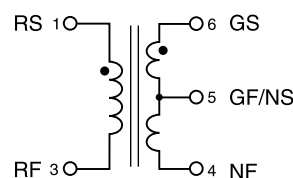
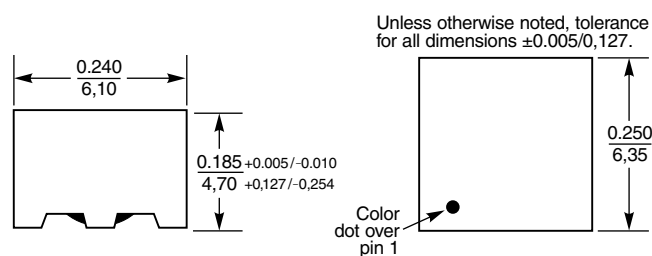
These wideband RF transformers provide excellent performance at a very economical price. They are packaged in a low profile, flat top ceramic case that makes them ideal for pick and place operations. Operating temperature range is  $-40^{\circ}$  to  $+85^{\circ}\text{C}$ .

Applications include impedance matching, voltage or current transformation, DC isolation, balanced/unbalanced mixing, matching, power splitting, coupling and signal inversion.

In addition to these parts, transformers with other combinations of impedance ratio, insertion loss, and frequency response are available. They can be ordered with a untapped secondary or with tapped primary and tapped secondary. For custom parts or for free evaluation samples, contact Coilcraft or visit [www.coilcraft.com](http://www.coilcraft.com).

Part number	Impedance ratio pri:sec	Frequency range (MHz)	Insertion loss max (dB)	Pins 1-3		Pins 6-4	
				L min ( $\mu\text{H}$ )	DCR max (mOhms)	L min ( $\mu\text{H}$ )	DCR max (mOhms)
Z9169-A	1:1	3 – 1000	1.20	1.8	35.0	1.8	40.0
A9899-A	1:1	0.26 – 930	0.60	18.0	230.0	18.0	310.0
A9900-A	1:1	0.525 – 1000	1.20	7.0	200.0	7.0	200.0

1. Operating temperature range  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ .
2. Electrical specifications at  $25^{\circ}\text{C}$ .



**Tape and reel:** 1000/13" reel 16 mm tape width  
For packaging data see Tape and Reel Specifications section.

**Coilcraft**<sup>®</sup>

Specifications subject to change without notice. Document 308 Revised 11/02/05

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