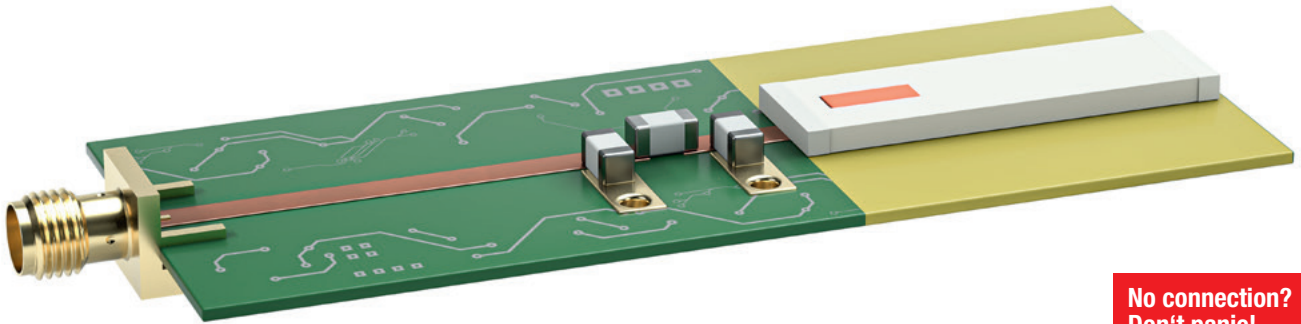
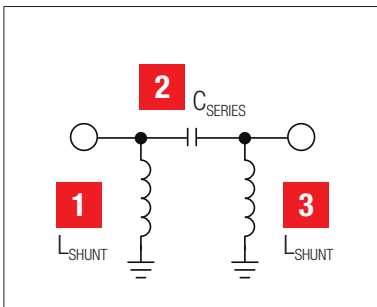


# Services & Products

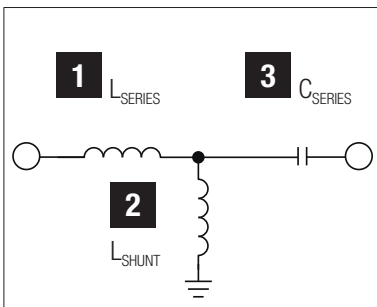
## Chip Antenna Matching Support



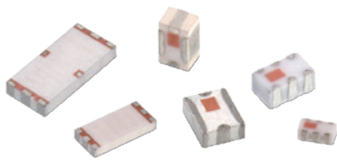
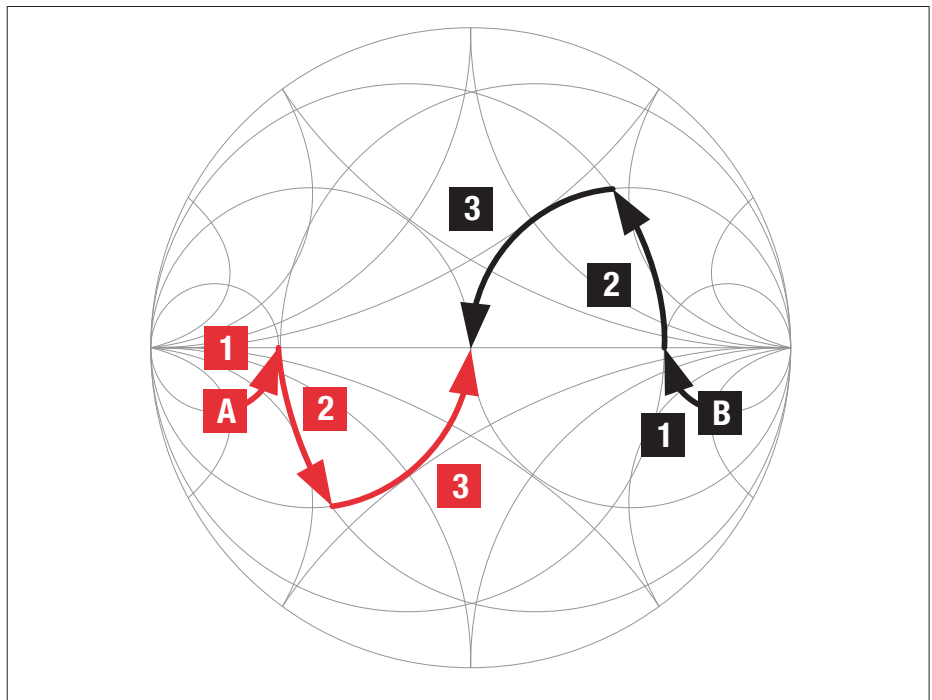
No connection?  
Don't panic!  
WE match you!



Pi matching for Point A



T matching for Point B



Take advantage of our support by matching our chip antennas WE-MCA on your product.

- Achieve more efficiency
- Use less space

### Frequencies:

- 423-443 MHz
- 868-960 MHz
- 2400-2500 MHz
- 4900-5875 MHz



Explore our application note for Antenna Placement and Matching:  
[www.we-online.com/appnote-antenna-matching](http://www.we-online.com/appnote-antenna-matching)



For further information please contact to:  
[antenna.matching@we-online.de](mailto:antenna.matching@we-online.de)

## SMD Air Coils – Best performance RF Inductors

Take advantage of a wide variety of air core inductors!  
Their structure without core enables very low losses RF inductors.

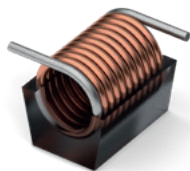
### Features:

- Extremely high Q-factor
- Very high current handling
- Suitable for pick & place process



Graphical search with  
L@F and Q@F in REDEXPERT:  
[www.we-online.com/re-LQ](http://www.we-online.com/re-LQ)

### Product Overview:



#### WE-CAIR

Highest performance possible  
in small packages:

- Inductance values from  
1.65 to 538 nH
- Rated current up to 4 A
- Available in six different  
sizes



#### WE-AC HC

Air coils suitable for very high  
current applications:

- Rated current up to 40 A
- Inductance values from  
23 to 146 nH
- Available in two sizes:  
1010 and 1212

Signal &  
Communications

### Applications



Radar communications



FM-TV broadcast



Industrial, scientific and  
medical applications



Radio communications