

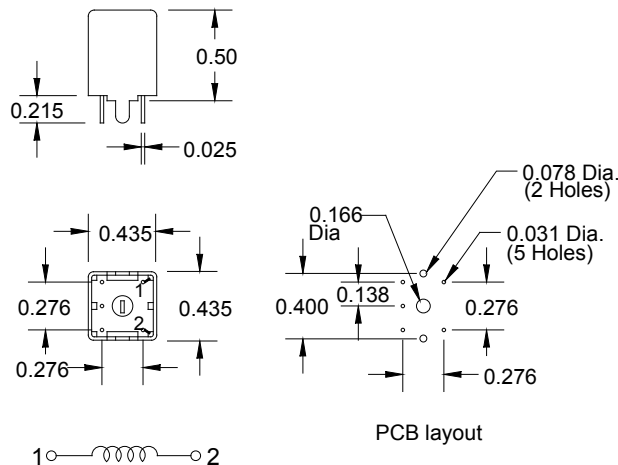
# Adjustable RF Inductors

## Special Features

- High inductance
- Wide tuning range
- Cup core construction for low radiation
- Static shielding can with grounding taps
- Min. SRF measured at max. inductance
- Operating temperature -55 to +105°C

| 9100 Series |                |           |                |           |                     |                      |                    |                   |
|-------------|----------------|-----------|----------------|-----------|---------------------|----------------------|--------------------|-------------------|
| Part Number | L (uH)<br>Min. | Q<br>Min. | L (uH)<br>Max. | Q<br>Min. | Test Freq.<br>(MHz) | SRF<br>(MHz)<br>Min. | DCR<br>(Ω)<br>Max. | I<br>(mA)<br>Max. |
| 9101        | 0.099          | 64        | 0.134          | 85        | 25                  | 400                  | 0.01               | 4850              |
| 9102        | 0.129          | 70        | 0.192          | 93        | 25                  | 333                  | 0.01               | 4430              |
| 9103        | 0.165          | 77        | 0.258          | 100       | 25                  | 288                  | 0.02               | 3970              |
| 9104        | 0.246          | 83        | 0.418          | 102       | 25                  | 225                  | 0.02               | 3830              |
| 9105        | 0.366          | 88        | 0.627          | 93        | 25                  | 185                  | 0.02               | 3430              |
| 9106        | 0.588          | 40        | 0.95           | 60        | 25                  | 155                  | 0.9                | 516               |
| 9107        | 0.83           | 43        | 1.54           | 50        | 7.9                 | 116                  | 1.02               | 485               |
| 9108        | 1.44           | 34        | 2.94           | 64        | 7.9                 | 84                   | 1.38               | 417               |
| 9109        | 2.52           | 40        | 5.7            | 77        | 7.9                 | 60                   | 1.76               | 368               |
| 9110        | 5.35           | 50        | 13.49          | 60        | 2.5                 | 37.4                 | 2.92               | 286               |
| 9111        | 12.5           | 31        | 29.45          | 60        | 2.5                 | 9.7                  | 4.72               | 225               |
| 9112        | 26.25          | 35        | 71.25          | 54        | 2.5                 | 5.1                  | 6.97               | 185               |
| 9113        | 64.57          | 36        | 163            | 50        | 0.79                | 3.1                  | 9.98               | 155               |
| 9114        | 147            | 31        | 430            | 52        | 0.79                | 2.1                  | 16.32              | 121               |
| 9115        | 422            | 40        | 1100           | 42        | 0.25                | 1.4                  | 27.84              | 92                |
| 9116        | 1050           | 39        | 3740           | 65        | 0.25                | 0.88                 | 41.06              | 76                |
| 9117        | 3360           | 40        | 11,120         | 50        | 0.079               | 0.58                 | 78.92              | 55                |

Also available as RoHS compliant.



Dimensions: Inches

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