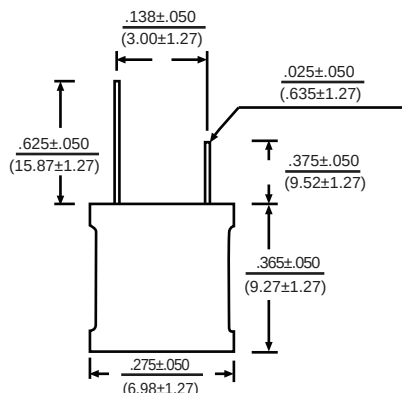
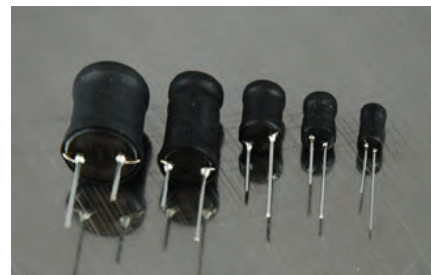


# RB5480-2 Radial Power Choke



Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



## Features

- Small Foot Print
- Extensive Inductance Range
- The RB5480 series is available in 5 different sizes
- Cross to Renco RL-5480-2 Series

## Electrical

**Inductance Range:** 3.9  $\mu$ h ~ 33,000  $\mu$ h

**Tolerance:** 10% over entire range

**Test Frequency:** 1KHz

**Operating Temp:** -55°C to +125°C

**Isat:** Based on Inductance change by no more than 5% of initial value and temperature rise of no more than 30°C of initial temperature within coil body.

## Test Equipment

**Inductance:** CH-100

**DCR:** CH-301 Current Source & DCR Meter

**Current:** CH-301 Current Source & DCR Meter

## Physical

**Packaging:** 500 / Bag, 1000 / Ammo Box

**Marking:** EIA Inductance Code

| Allied Part Number | Inductance ( $\mu$ h) | Tolerance (%) | DCR Max. ( $\Omega$ ) | Isat DC (Amps) | Rated Current (Amps) |
|--------------------|-----------------------|---------------|-----------------------|----------------|----------------------|
| RB5480-2-3R9K-RC   | 3.9                   | 10            | 0.020                 | 2.70           | 1.30                 |
| RB5480-2-4R7K-RC   | 4.7                   | 10            | 0.022                 | 2.50           | 1.30                 |
| RB5480-2-5R6K-RC   | 5.6                   | 10            | 0.027                 | 2.30           | 1.30                 |
| RB5480-2-6R8K-RC   | 6.8                   | 10            | 0.029                 | 2.10           | 1.30                 |
| RB5480-2-8R2K-RC   | 8.2                   | 10            | 0.036                 | 1.90           | 1.30                 |
| RB5480-2-100K-RC   | 10                    | 10            | 0.041                 | 1.70           | 1.30                 |
| RB5480-2-120K-RC   | 12                    | 10            | 0.046                 | 1.55           | 1.30                 |
| RB5480-2-150K-RC   | 15                    | 10            | 0.050                 | 1.40           | 1.30                 |
| RB5480-2-180K-RC   | 18                    | 10            | 0.062                 | 1.30           | 1.00                 |
| RB5480-2-220K-RC   | 22                    | 10            | 0.071                 | 1.20           | 1.00                 |
| RB5480-2-270K-RC   | 27                    | 10            | 0.073                 | 1.10           | 1.00                 |
| RB5480-2-330K-RC   | 33                    | 10            | 0.090                 | 0.920          | 0.800                |
| RB5480-2-390K-RC   | 39                    | 10            | 0.102                 | 0.840          | 0.800                |
| RB5480-2-470K-RC   | 47                    | 10            | 0.120                 | 0.760          | 0.800                |
| RB5480-2-560K-RC   | 56                    | 10            | 0.162                 | 0.700          | 0.620                |
| RB5480-2-680K-RC   | 68                    | 10            | 0.186                 | 0.660          | 0.620                |
| RB5480-2-820K-RC   | 82                    | 10            | 0.240                 | 0.580          | 0.490                |
| RB5480-2-101K-RC   | 100                   | 10            | 0.270                 | 0.530          | 0.490                |
| RB5480-2-121K-RC   | 120                   | 10            | 0.310                 | 0.460          | 0.490                |
| RB5480-2-151K-RC   | 150                   | 10            | 0.372                 | 0.440          | 0.490                |
| RB5480-2-181K-RC   | 180                   | 10            | 0.456                 | 0.390          | 0.385                |
| RB5480-2-221K-RC   | 220                   | 10            | 0.535                 | 0.350          | 0.385                |
| RB5480-2-271K-RC   | 270                   | 10            | 0.625                 | 0.320          | 0.385                |
| RB5480-2-331K-RC   | 330                   | 10            | 0.816                 | 0.300          | 0.300                |
| RB5480-2-391K-RC   | 390                   | 10            | 1.00                  | 0.280          | 0.250                |
| RB5480-2-471K-RC   | 470                   | 10            | 1.20                  | 0.240          | 0.250                |
| RB5480-2-561K-RC   | 560                   | 10            | 1.30                  | 0.225          | 0.250                |
| RB5480-2-681K-RC   | 680                   | 10            | 1.80                  | 0.210          | 0.190                |
| RB5480-2-821K-RC   | 820                   | 10            | 2.10                  | 0.190          | 0.190                |
| RB5480-2-102K-RC   | 1000                  | 10            | 3.00                  | 0.165          | 0.150                |
| RB5480-2-122K-RC   | 1200                  | 10            | 3.30                  | 0.155          | 0.150                |
| RB5480-2-152K-RC   | 1500                  | 10            | 3.50                  | 0.135          | 0.150                |
| RB5480-2-182K-RC   | 1800                  | 10            | 5.70                  | 0.125          | 0.120                |
| RB5480-2-222K-RC   | 2200                  | 10            | 6.20                  | 0.115          | 0.095                |
| RB5480-2-272K-RC   | 2700                  | 10            | 7.60                  | 0.105          | 0.095                |
| RB5480-2-332K-RC   | 3300                  | 10            | 8.50                  | 0.096          | 0.095                |
| RB5480-2-392K-RC   | 3900                  | 10            | 10.3                  | 0.084          | 0.076                |
| RB5480-2-472K-RC   | 4700                  | 10            | 11.3                  | 0.076          | 0.076                |
| RB5480-2-562K-RC   | 5600                  | 10            | 13                    | 0.070          | 0.076                |
| RB5480-2-682K-RC   | 6800                  | 10            | 17                    | 0.064          | 0.060                |
| RB5480-2-822K-RC   | 8200                  | 10            | 20                    | 0.057          | 0.060                |
| RB5480-2-103K-RC   | 10000                 | 10            | 27                    | 0.053          | 0.046                |
| RB5480-2-123K-RC   | 12000                 | 10            | 31                    | 0.047          | 0.046                |
| RB5480-2-153K-RC   | 15000                 | 10            | 45                    | 0.043          | 0.036                |
| RB5480-2-183K-RC   | 18000                 | 10            | 51                    | 0.038          | 0.036                |
| RB5480-2-223K-RC   | 22000                 | 10            | 60                    | 0.035          | 0.030                |
| RB5480-2-273K-RC   | 27000                 | 10            | 66                    | 0.033          | 0.030                |
| RB5480-2-333K-RC   | 33000                 | 10            | 100                   | 0.029          | 0.030                |

All specifications subject to change without notice.