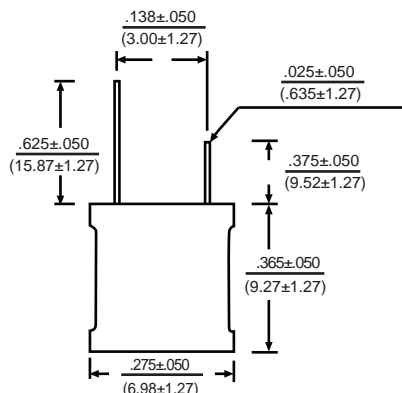
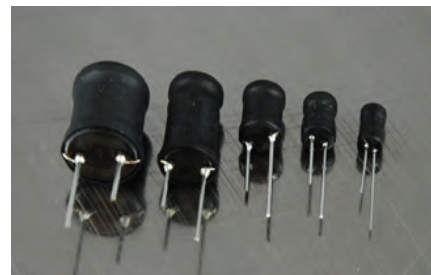


RB5480-2 Radial Power Choke



Dimensions: Inches
(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: 3.9µh ~ 33,000µh

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 (µh) | Tolerance (%) | DCR Max. (Ω) | 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.