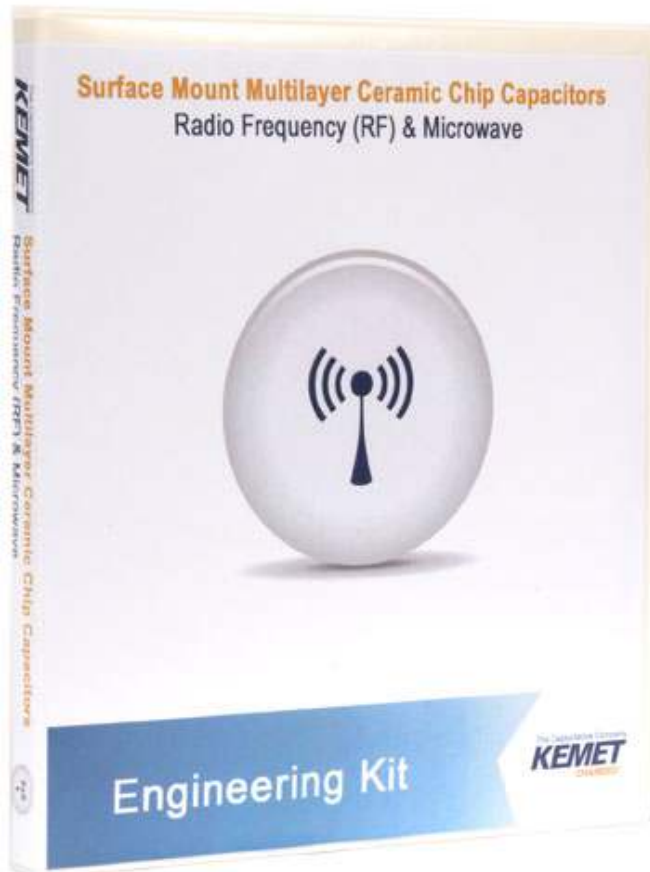


HiQ-CBR **RF & MICROWAVE**



C0G, High Q, Base Metal

0201 – 0805 Case Sizes

6.3 – 250V

0.1pF to 100pF

Pb-Free & RoHS Compliant

Low ESR

No Piezoelectric Noise

Available Upon Request





**RF & MICROWAVE
Engineering Kits**

Case Size 0201

Kit Part Number: CER ERF KIT 01

RF & Microwave SMT Capacitors: 100 pieces per Part Number

| KEMET Part Number | Case Size (EIA) | Case Size (Metric) | Capacitance (pF) | Tolerance | Voltage | Dielectric |
|-------------------|-----------------|--------------------|------------------|-----------|---------|------------|
| CBR02C108B3GAC | 0201 | 0603 | 0.1 | ±0.1pF | 25 | COG |
| CBR02C208B3GAC | 0201 | 0603 | 0.2 | ±0.1pF | 25 | COG |
| CBR02C308B3GAC | 0201 | 0603 | 0.3 | ±0.1pF | 25 | COG |
| CBR02C408B3GAC | 0201 | 0603 | 0.4 | ±0.1pF | 25 | COG |
| CBR02C508B3GAC | 0201 | 0603 | 0.5 | ±0.1pF | 25 | COG |
| CBR02C608B3GAC | 0201 | 0603 | 0.6 | ±0.1pF | 25 | COG |
| CBR02C708B3GAC | 0201 | 0603 | 0.7 | ±0.1pF | 25 | COG |
| CBR02C808B3GAC | 0201 | 0603 | 0.8 | ±0.1pF | 25 | COG |
| CBR02C908B3GAC | 0201 | 0603 | 0.9 | ±0.1pF | 25 | COG |
| CBR02C109B3GAC | 0201 | 0603 | 1.0 | ±0.1pF | 25 | COG |
| CBR02C129B3GAC | 0201 | 0603 | 1.2 | ±0.1pF | 25 | COG |
| CBR02C159B3GAC | 0201 | 0603 | 1.5 | ±0.1pF | 25 | COG |
| CBR02C189B3GAC | 0201 | 0603 | 1.8 | ±0.1pF | 25 | COG |
| CBR02C209B3GAC | 0201 | 0603 | 2.0 | ±0.1pF | 25 | COG |
| CBR02C229B3GAC | 0201 | 0603 | 2.2 | ±0.1pF | 25 | COG |
| CBR02C279B3GAC | 0201 | 0603 | 2.7 | ±0.1pF | 25 | COG |
| CBR02C309B3GAC | 0201 | 0603 | 3.0 | ±0.1pF | 25 | COG |
| CBR02C339B3GAC | 0201 | 0603 | 3.3 | ±0.1pF | 25 | COG |
| CBR02C399B3GAC | 0201 | 0603 | 3.9 | ±0.1pF | 25 | COG |
| CBR02C409B3GAC | 0201 | 0603 | 4.0 | ±0.1pF | 25 | COG |
| CBR02C479B3GAC | 0201 | 0603 | 4.7 | ±0.1pF | 25 | COG |
| CBR02C509C3GAC | 0201 | 0603 | 5.0 | ±0.25pF | 25 | COG |
| CBR02C569C3GAC | 0201 | 0603 | 5.6 | ±0.25pF | 25 | COG |
| CBR02C609C3GAC | 0201 | 0603 | 6.0 | ±0.25pF | 25 | COG |
| CBR02C689C3GAC | 0201 | 0603 | 6.8 | ±0.25pF | 25 | COG |
| CBR02C709C3GAC | 0201 | 0603 | 7.0 | ±0.25pF | 25 | COG |
| CBR02C809C3GAC | 0201 | 0603 | 8.0 | ±0.25pF | 25 | COG |
| CBR02C829C3GAC | 0201 | 0603 | 8.2 | ±0.25pF | 25 | COG |
| CBR02C909C3GAC | 0201 | 0603 | 9.0 | ±0.25pF | 25 | COG |
| CBR02C100J3GAC | 0201 | 0603 | 10.0 | ±5% | 25 | COG |
| CBR02C120J3GAC | 0201 | 0603 | 12.0 | ±5% | 25 | COG |
| CBR02C150J3GAC | 0201 | 0603 | 15.0 | ±5% | 25 | COG |
| CBR02C180J3GAC | 0201 | 0603 | 18.0 | ±5% | 25 | COG |
| CBR02C220J8GAC | 0201 | 0603 | 22.0 | ±5% | 10 | COG |
| CBR02C270J8GAC | 0201 | 0603 | 27.0 | ±5% | 10 | COG |
| CBR02C330J8GAC | 0201 | 0603 | 33.0 | ±5% | 10 | COG |

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RF & MICROWAVE
 Engineering Kits

Case Size 0402

Kit Part Number: CER ERF KIT 01

RF & Microwave SMT Capacitors: 100 pieces per Part Number

| KEMET Part Number | Case Size (EIA) | Case Size (Metric) | Capacitance (pF) | Tolerance | Voltage | Dielectric |
|-------------------|-----------------|--------------------|------------------|-----------|---------|------------|
| CBR04C108B5GAC | 0402 | 1005 | 0.1 | ±0.1pF | 50 | COG |
| CBR04C208B5GAC | 0402 | 1005 | 0.2 | ±0.1pF | 50 | COG |
| CBR04C308B5GAC | 0402 | 1005 | 0.3 | ±0.1pF | 50 | COG |
| CBR04C408B5GAC | 0402 | 1005 | 0.4 | ±0.1pF | 50 | COG |
| CBR04C508B5GAC | 0402 | 1005 | 0.5 | ±0.1pF | 50 | COG |
| CBR04C608B5GAC | 0402 | 1005 | 0.6 | ±0.1pF | 50 | COG |
| CBR04C708B5GAC | 0402 | 1005 | 0.7 | ±0.1pF | 50 | COG |
| CBR04C808B5GAC | 0402 | 1005 | 0.8 | ±0.1pF | 50 | COG |
| CBR04C908B5GAC | 0402 | 1005 | 0.9 | ±0.1pF | 50 | COG |
| CBR04C109B5GAC | 0402 | 1005 | 1.0 | ±0.1pF | 50 | COG |
| CBR04C129B5GAC | 0402 | 1005 | 1.2 | ±0.1pF | 50 | COG |
| CBR04C159B5GAC | 0402 | 1005 | 1.5 | ±0.1pF | 50 | COG |
| CBR04C189B5GAC | 0402 | 1005 | 1.8 | ±0.1pF | 50 | COG |
| CBR04C209B5GAC | 0402 | 1005 | 2.0 | ±0.1pF | 50 | COG |
| CBR04C229B5GAC | 0402 | 1005 | 2.2 | ±0.1pF | 50 | COG |
| CBR04C279B5GAC | 0402 | 1005 | 2.7 | ±0.1pF | 50 | COG |
| CBR04C309B5GAC | 0402 | 1005 | 3.0 | ±0.1pF | 50 | COG |
| CBR04C339B5GAC | 0402 | 1005 | 3.3 | ±0.1pF | 50 | COG |
| CBR04C399B5GAC | 0402 | 1005 | 3.9 | ±0.1pF | 50 | COG |
| CBR04C409B5GAC | 0402 | 1005 | 4.0 | ±0.1pF | 50 | COG |
| CBR04C479B5GAC | 0402 | 1005 | 4.7 | ±0.1pF | 50 | COG |
| CBR04C509B5GAC | 0402 | 1005 | 5.0 | ±0.1pF | 50 | COG |
| CBR04C569C5GAC | 0402 | 1005 | 5.6 | ±0.25pF | 50 | COG |
| CBR04C609C5GAC | 0402 | 1005 | 6.0 | ±0.25pF | 50 | COG |
| CBR04C689C5GAC | 0402 | 1005 | 6.8 | ±0.25pF | 50 | COG |
| CBR04C709C5GAC | 0402 | 1005 | 7.0 | ±0.25pF | 50 | COG |
| CBR04C809C5GAC | 0402 | 1005 | 8.0 | ±0.25pF | 50 | COG |
| CBR04C829C5GAC | 0402 | 1005 | 8.2 | ±0.25pF | 50 | COG |
| CBR04C909C5GAC | 0402 | 1005 | 9.0 | ±0.25pF | 50 | COG |
| CBR04C100J5GAC | 0402 | 1005 | 10.0 | ±5% | 50 | COG |
| CBR04C120J5GAC | 0402 | 1005 | 12.0 | ±5% | 50 | COG |
| CBR04C150J5GAC | 0402 | 1005 | 15.0 | ±5% | 50 | COG |
| CBR04C180J5GAC | 0402 | 1005 | 18.0 | ±5% | 50 | COG |
| CBR04C220J5GAC | 0402 | 1005 | 22.0 | ±5% | 50 | COG |

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**RF & MICROWAVE
Engineering Kits**

Case Size 0603

Kit Part Number: CER ERF KIT 01

RF & Microwave SMT Capacitors: 100 pieces per Part Number

| KEMET Part Number | Case Size (EIA) | Case Size (Metric) | Capacitance (pF) | Tolerance | Voltage | Dielectric |
|-------------------|-----------------|--------------------|------------------|-----------|---------|------------|
| CBR06C308BAGAC | 0603 | 1608 | 0.3 | ±0.1pF | 250 | COG |
| CBR06C408BAGAC | 0603 | 1608 | 0.4 | ±0.1pF | 250 | COG |
| CBR06C508BAGAC | 0603 | 1608 | 0.5 | ±0.1pF | 250 | COG |
| CBR06C608BAGAC | 0603 | 1608 | 0.6 | ±0.1pF | 250 | COG |
| CBR06C708BAGAC | 0603 | 1608 | 0.7 | ±0.1pF | 250 | COG |
| CBR06C808BAGAC | 0603 | 1608 | 0.8 | ±0.1pF | 250 | COG |
| CBR06C908BAGAC | 0603 | 1608 | 0.9 | ±0.1pF | 250 | COG |
| CBR06C109BAGAC | 0603 | 1608 | 1.0 | ±0.1pF | 250 | COG |
| CBR06C129BAGAC | 0603 | 1608 | 1.2 | ±0.1pF | 250 | COG |
| CBR06C159BAGAC | 0603 | 1608 | 1.5 | ±0.1pF | 250 | COG |
| CBR06C189BAGAC | 0603 | 1608 | 1.8 | ±0.1pF | 250 | COG |
| CBR06C209BAGAC | 0603 | 1608 | 2.0 | ±0.1pF | 250 | COG |
| CBR06C229BAGAC | 0603 | 1608 | 2.2 | ±0.1pF | 250 | COG |
| CBR06C279BAGAC | 0603 | 1608 | 2.7 | ±0.1pF | 250 | COG |
| CBR06C309BAGAC | 0603 | 1608 | 3.0 | ±0.1pF | 250 | COG |
| CBR06C339BAGAC | 0603 | 1608 | 3.3 | ±0.1pF | 250 | COG |
| CBR06C399BAGAC | 0603 | 1608 | 3.9 | ±0.1pF | 250 | COG |
| CBR06C409BAGAC | 0603 | 1608 | 4.0 | ±0.1pF | 250 | COG |
| CBR06C479BAGAC | 0603 | 1608 | 4.7 | ±0.1pF | 250 | COG |
| CBR06C509CAGAC | 0603 | 1608 | 5.0 | ±0.25pF | 250 | COG |
| CBR06C569CAGAC | 0603 | 1608 | 5.6 | ±0.25pF | 250 | COG |
| CBR06C609CAGAC | 0603 | 1608 | 6.0 | ±0.25pF | 250 | COG |
| CBR06C689CAGAC | 0603 | 1608 | 6.8 | ±0.25pF | 250 | COG |
| CBR06C709CAGAC | 0603 | 1608 | 7.0 | ±0.25pF | 250 | COG |
| CBR06C809CAGAC | 0603 | 1608 | 8.0 | ±0.25pF | 250 | COG |
| CBR06C829CAGAC | 0603 | 1608 | 8.2 | ±0.25pF | 250 | COG |
| CBR06C909CAGAC | 0603 | 1608 | 9.0 | ±0.25pF | 250 | COG |
| CBR06C100JAGAC | 0603 | 1608 | 10.0 | ±5% | 250 | COG |
| CBR06C120JAGAC | 0603 | 1608 | 12.0 | ±5% | 250 | COG |
| CBR06C150JAGAC | 0603 | 1608 | 15.0 | ±5% | 250 | COG |
| CBR06C180JAGAC | 0603 | 1608 | 15.0 | ±5% | 250 | COG |
| CBR06C220JAGAC | 0603 | 1608 | 22.0 | ±5% | 250 | COG |
| CBR06C270JAGAC | 0603 | 1608 | 27.0 | ±5% | 250 | COG |
| CBR06C330JAGAC | 0603 | 1608 | 33.0 | ±5% | 250 | COG |
| CBR06C390JAGAC | 0603 | 1608 | 39.0 | ±5% | 250 | COG |
| CBR06C470JAGAC | 0603 | 1608 | 47.0 | ±5% | 250 | COG |

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