

Sample Kit Contents

| KEMET Part Number | Case Size | Capacitance | Cap Tolerance | Rated Voltage | Dielectric | Quantity |
|-------------------|------------|-------------|---------------|---------------|------------|----------|
| | EIA/Metric | pF | % | VDC | | |
| CBR04C108B1GAC | 0402/1005 | 0.1 | ±0.1 | 100 | COG | 100 |
| CBR04C208B1GAC | 0402/1005 | 0.2 | ±0.1 | 100 | COG | 100 |
| CBR04C308B1GAC | 0402/1005 | 0.3 | ±0.1 | 100 | COG | 100 |
| CBR04C408B1GAC | 0402/1005 | 0.4 | ±0.1 | 100 | COG | 100 |
| CBR04C508B1GAC | 0402/1005 | 0.5 | ±0.1 | 100 | COG | 100 |
| CBR04C608B1GAC | 0402/1005 | 0.6 | ±0.1 | 100 | COG | 100 |
| CBR04C708B1GAC | 0402/1005 | 0.7 | ±0.1 | 100 | COG | 100 |
| CBR04C808B1GAC | 0402/1005 | 0.8 | ±0.1 | 100 | COG | 100 |
| CBR04C908B1GAC | 0402/1005 | 0.9 | ±0.1 | 100 | COG | 100 |
| CBR04C109B1GAC | 0402/1005 | 1.0 | ±0.1 | 100 | COG | 100 |
| CBR04C129B1GAC | 0402/1005 | 1.2 | ±0.1 | 100 | COG | 100 |
| CBR04C159B1GAC | 0402/1005 | 1.5 | ±0.1 | 100 | COG | 100 |
| CBR04C189B1GAC | 0402/1005 | 1.8 | ±0.1 | 100 | COG | 100 |
| CBR04C209B1GAC | 0402/1005 | 2.0 | ±0.1 | 100 | COG | 100 |
| CBR04C229B1GAC | 0402/1005 | 2.2 | ±0.1 | 100 | COG | 100 |
| CBR04C279B1GAC | 0402/1005 | 2.7 | ±0.1 | 100 | COG | 100 |
| CBR04C309B1GAC | 0402/1005 | 3.0 | ±0.1 | 100 | COG | 100 |
| CBR04C339B1GAC | 0402/1005 | 3.3 | ±0.1 | 100 | COG | 100 |
| CBR04C399B1GAC | 0402/1005 | 3.9 | ±0.1 | 100 | COG | 100 |
| CBR04C409B1GAC | 0402/1005 | 4.0 | ±0.1 | 100 | COG | 100 |
| CBR04C479B1GAC | 0402/1005 | 4.7 | ±0.1 | 100 | COG | 100 |
| CBR04C509C1GAC | 0402/1005 | 5.0 | ±0.25 | 100 | COG | 100 |
| CBR04C569C1GAC | 0402/1005 | 5.6 | ±0.25 | 100 | COG | 100 |
| CBR04C609C1GAC | 0402/1005 | 6.0 | ±0.25 | 100 | COG | 100 |
| CBR04C689C1GAC | 0402/1005 | 6.8 | ±0.25 | 100 | COG | 100 |
| CBR04C709C1GAC | 0402/1005 | 7.0 | ±0.25 | 100 | COG | 100 |
| CBR04C809C1GAC | 0402/1005 | 8.0 | ±0.25 | 100 | COG | 100 |
| CBR04C829C1GAC | 0402/1005 | 8.2 | ±0.25 | 100 | COG | 100 |
| CBR04C909C1GAC | 0402/1005 | 9.0 | ±0.25 | 100 | COG | 100 |
| CBR04C100J1GAC | 0402/1005 | 10 | ±5 | 100 | COG | 100 |
| CBR04C120J1GAC | 0402/1005 | 12 | ±5 | 100 | COG | 100 |
| CBR04C150J1GAC | 0402/1005 | 15 | ±5 | 100 | COG | 100 |
| CBR04C180J1GAC | 0402/1005 | 18 | ±5 | 100 | COG | 100 |
| CBR04C220J1GAC | 0402/1005 | 22 | ±5 | 100 | COG | 100 |
| CBR04C270J1GAC | 0402/1005 | 27 | ±5 | 100 | COG | 100 |
| CBR04C390J1GAC | 0402/1005 | 39 | ±5 | 100 | COG | 100 |
| CBR04C470J1GAC | 0402/1005 | 47 | ±5 | 100 | COG | 100 |
| CBR04C560J1GAC | 0402/1005 | 56 | ±5 | 100 | COG | 100 |
| CBR04C680J3GAC | 0402/1005 | 68 | ±5 | 25 | COG | 100 |
| CBR04C820J3GAC | 0402/1005 | 82 | ±5 | 25 | COG | 100 |
| CBR04C101J3GAC | 0402/1005 | 100 | ±5 | 25 | COG | 100 |

Dimensions – Millimeters (Inches)

| Case Size (in.) | Case Size (mm) | L Length | W Width | T Thickness | B Bandwidth | Mounting Technique |
|-----------------|----------------|--------------------------------|--------------------------------|--------------------------------|---|--------------------|
| 0402 | 1005 | 1.00 ± 0.05 (0.040 ± 0.002) | 0.50 ± 0.05 (0.020 ± 0.002) | 0.50 ± 0.05 (0.020 ± 0.002) | 0.25 + 0.05 / -0.10 (0.010 + 0.002 / -0.004) | Solder Reflow Only |

