## **KEMET Part Number: CBR06C200FAGAC**



CBR-SMD RF C0G, Ceramic, High Q, 20 pF, 1%, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 1.6mm +/-0.1mm  |  |
| W          | 0.8mm +/-0.1mm  |  |
| Т          | 0.8mm +/-0.07mm |  |
| В          | 0.4mm +/-0.15mm |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 4000                     |  |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | CBR-SMD RF C0G                                    |
| Style:              | SMD Chip  |
| Description:        | SMD, Fixed, RF, Ultra High Q,<br>Low ESR, Class I |
| Features:           | Ultra High Q, Low ESR, Class I                    |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Miscellaneous:      | Minimum Q = 1200                                  |
| Notes:              | Solder Wave or Solder Reflow                      |
| Chip Size:          | 0603  |

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 20 pF               |
| Capacitance Tolerance:              | 1%                  |
| Voltage DC:                         | 250 VDC             |
| Dielectric Withstanding<br>Voltage: | 500 V               |
| Temperature Range:                  | -55/+125C           |
| Temperature Coefficient:            | COG                 |
| Dissipation Factor:                 | 0.12%               |
| Aging Rate:                         | 0% Loss/Decade Hour |
| Insulation Resistance:              | 10 GOhms            |
| Quality Factor:                     | 1200                |

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