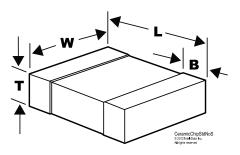
## **KEMET Part Number: CBR02C108B3GAC**



Ceramic, High Q, Microwave (CBR), 0.1 pF, +/-0.1 pF, 25 V, 0201, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



| SMD Chip  |
|---|
| Citib Citib                                       |
| Microwave (CBR)                                   |
| 0201  |
| SMD, Fixed, RF, Ultra High Q,<br>Low ESR, Class I |
| Ultra High Q, Low ESR, Class I                    |
| Yes   |
| Tin   |
| No  |
| Minimum Q = 802                                   |
| Solder Reflow Only                                |
|   |

**General Information** 

| Dimensions |                  |  |
|------------|------------------|--|
| L          | 0.6mm +/-0.03mm  |  |
| W          | 0.3mm +/-0.03mm  |  |
| Т          | 0.3mm +/-0.03mm  |  |
| В          | 0.15mm +/-0.05mm |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 15000                    |  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 0.1 pF              |  |
| Capacitance Tolerance:              | +/-0.1 pF           |  |
| Voltage DC:                         | 25 VDC              |  |
| Dielectric Withstanding<br>Voltage: | 62.5 V              |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.249%              |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 10 GOhms            |  |
| Quality Factor:                     | 802                 |  |

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