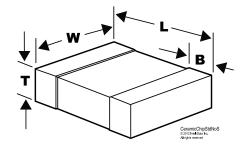
## KEMET Part Number: CBR04C560F1GAC



## Ceramic, High Q, Microwave (CBR), 56 pF, 1%, 100 V, 0402, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



| General Information |   |
|---------------------|---|
| Style:              | SMD Chip  |
| Series:             | Microwave (CBR)                                   |
| Chip Size:          | 0402  |
| 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 = 1400                                  |
| Notes:              | Solder Reflow Only                                |

| Dimensions |                     |
|------------|---------------------|
| L          | 1mm +/-0.05mm       |
| W          | 0.5mm +/-0.05mm     |
| Т          | 0.5mm +/-0.05mm     |
| В          | 0.25mm +0.05/-0.1mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 10000                    |

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 56 pF               |
| Capacitance Tolerance:              | 1%                  |
| Voltage DC:                         | 100 VDC             |
| Dielectric Withstanding<br>Voltage: | 250 V               |
| Temperature Range:                  | -55/+125C           |
| Temperature Coefficient:            | COG                 |
| Dissipation Factor:                 | 0.1%                |
| Aging Rate:                         | 0% Loss/Decade Hour |
| Insulation Resistance:              | 10 GOhms            |
| Quality Factor:                     | 1400                |

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