## **KEMET Part Number: C0805C472JAGACAUTO**



SMD Auto C0G, Ceramic, 4700 pF, 5%, 250 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805



| Dimensions |                 |
|------------|-----------------|
| L          | 2mm +/-0.2mm    |
| W          | 1.25mm +/-0.2mm |
| Т          | 0.9mm +/-0.10mm |
| S          | 0.75mm MIN      |
| В          | 0.5mm +/-0.25mm |

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

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | SMD Auto C0G   |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, Ultra-Stable, Low<br>Loss, Automotive Grade |
| Features:           | Ultra-Stable, Low Loss,<br>Automotive Grade            |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Qualifications:     | AEC-Q200   |
| AEC-Q200:           | Yes  |
| Chip Size:          | 0805   |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 4700 pF             |  |
| Capacitance Tolerance:              | 5%                  |  |
| Voltage DC:                         | 250 VDC             |  |
| Dielectric Withstanding<br>Voltage: | 625 V               |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.10% 1kHz 25C      |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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