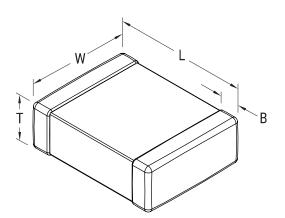
## KEMET Part Number: C1206X223JAGACAUTO



SMD Auto C0G Flex, Ceramic, 0.022 uF, 5%, 250 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1206



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 3.3mm +/-0.4mm  |  |
| W          | 1.6mm +/-0.35mm |  |
| Т          | 1.6mm +/-0.20mm |  |
| В          | 0.6mm +/-0.25mm |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 2000                     |  |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | SMD Auto COG Flex                                     |
| Style:              | SMD Chip  |
| Description:        | SMD, MLCC, FT-CAP, Ultra-<br>Stable, Automotive Grade |
| Features:           | FT-CAP, Ultra-Stable,<br>Automotive Grade             |
| RoHS:               | Yes   |
| Termination:        | Flexible Termination                                  |
| Marking:            | No  |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Chip Size:          | 1206  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 0.022 uF            |  |
| 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:              | 45.455 GOhms        |  |

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