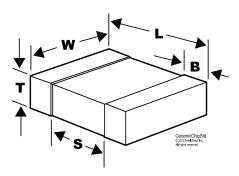
## **KEMET Part Number: C0402C101JAGACAUTO**



Ceramic, AUTO-(CxxxxC-AUTO), 100 pF, 5%, 250 V, 0402, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



| Dimensions |                 |
|------------|-----------------|
| L          | 1mm +/-0.05mm   |
| W          | 0.5mm +/-0.05mm |
| Т          | 0.5mm +/-0.05mm |
| S          | 0.3mm MIN       |
| В          | 0.3mm +/-0.1mm  |

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

| General Information |  |
|---------------------|--|
| Style:              | SMD Chip   |
| Series:             | AUTO-(CxxxxC-AUTO)                                     |
| Chip Size:          | 0402   |
| Description:        | SMD, MLCC, Ultra-Stable, Low<br>Loss, Automotive Grade |
| Features:           | Ultra-Stable, Low Loss,<br>Automotive Grade            |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Failure Rate:       | N/A  |
| Approvals:          | AEC-Q200   |
| AEC-Q200:           | Yes  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 100 pF              |  |
| Capacitance Tolerance:              | 5%                  |  |
| Voltage DC:                         | 250 VDC             |  |
| Dielectric Withstanding<br>Voltage: | 625 V               |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.1%                |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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