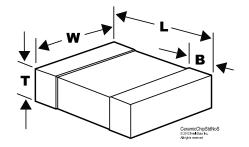
## KEMET Part Number: C1206C822J2GACAUTO



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 8200 pF, +/-5% Tol, 200 V, C0G, 1206 (3216 metric)



| General Information      |   |  |
|--------------------------|---|--|
| Supplier:                | KEMET   |  |
| Application:             | Automotive (AEC-Q200<br>Qualified)            |  |
| Chip Size:               | 1206 (3216 metric)                            |  |
| Temperature Coefficient: | COG   |  |
| Part Type Description:   | SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade |  |
| Termination Type:        | Tin (Sn)                                      |  |
| Marked:                  | No  |  |
| RoHS:                    | Yes   |  |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 3.2       | +/-0.2    |
| W               | 1.6       | +/-0.2    |
| т               | 0.9       | +/-0.10   |
| В               | 0.5       | +/-0.25   |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Package Kind:            | T&R          |  |
| Package Size:            | 7 in/180 mm  |  |
| Package Type:            | Plastic Tape |  |
| Package Quantity:        | 4000         |  |

| Specifications         |                     |  |
|------------------------|---------------------|--|
| Capacitance:           | 8200 pF             |  |
| Voltage:               | 200 V               |  |
| Tolerance:             | +/-5%               |  |
| Temperature Range:     | -55/+125C           |  |
| Dissipation Factor:    | 0.1%                |  |
| Failure Rate:          | N/A                 |  |
| Aging Rate:            | 0% loss/decade hour |  |
| Insulation Resistance: | 100 GOhm            |  |
| Dielectric Strength:   | 500 V               |  |

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