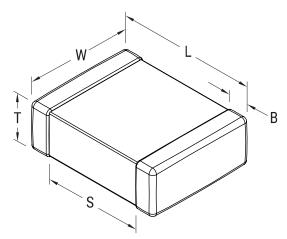


## C1808C392GCGACAUTO

SMD Auto COG HV, Ceramic, 3,900 pF, 2%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1808, 2.9 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | SMD Auto COG HV   |
| Style                    | SMD Chip  |
| Description              | SMD, MLCC, Ultra-Stable, Low<br>Loss, High Voltage, Automotive<br>Grade |
| Features                 | Ultra-Stable, Low Loss,<br>Automotive Grade                             |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Marking                  | No  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 62 mg   |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| 5mm    |
|--------|
| nm     |
| 5mm    |
|        |
| .35mm  |
| r<br>1 |

## Packaging Specifications Packaging T&R, 180mm, Plastic Tape Packaging Quantity 1000

| Specifications   |                        |
|--|------------------------|
| Capacitance  | 3,900 pF               |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Tolerance  | 2%                     |
| Voltage DC   | 500 VDC                |
| Dielectric Withstanding Voltage  | 750 VDC                |
| Temperature Range  | -55/+125°C             |
| Temp. Coefficient  | COG                    |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms     |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 100 GOhms              |

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