

C2824C393JBGACAUTO

SMD Auto COG HV, Ceramic, 0.039 uF, 5%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 2824



Click here for the 3D model.

| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 2824 | |
| L | 7.1mm +/-0.4mm | |
| W | 6.1mm +/-0.4mm | |
| Т | 2.5mm +/-0.20mm | |
| В | 1.27mm +/-0.4mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 300 | |

| General Information | |
|---------------------|--|
| Series | SMD Auto COG HV |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade |
| Features | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 540 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---------------------------|
| Capacitance | 0.039 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 5% |
| Voltage DC | 630 VDC |
| Dielectric Withstanding Voltage | 819 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 25.641 GOhms |

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