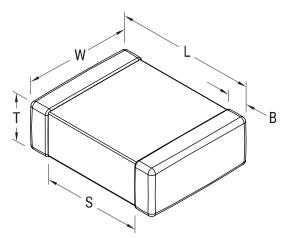


C4540C683JDGACAUTO

SMD Auto COG HV, Ceramic, 0.068 uF, 5%, 1,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 4540, 6.3 mm



Click here for the 3D model.

| 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 |
| Typical Component Weight | 1.35 g |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 4540 |
| L | 11.4mm +/-0.4mm |
| W | 10.2mm +/-0.4mm |
| т | 2.5mm +/-0.20mm |
| S | 6.3mm MIN |
| В | 1.27mm +/-0.4mm |
| | |

Packaging SpecificationsPackagingT&R, 180mm, Plastic TapePackaging Quantity200

| Specifications | |
|--|------------------------|
| Capacitance | 0.068 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 1,200 VDC |
| Temperature Range | -55/+125°C |
| Temp. 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 | 14.7059 GOhms |

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