

SMD Auto COG HV, Ceramic, 0.039 uF, 5%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 2225



| Dimensions | |
|------------|-----------------|
| L | 5.6mm +/-0.4mm |
| W | 6.4mm +/-0.4mm |
| T | 2.5mm +/-0.20mm |
| B | 0.6mm +/-0.35mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | SMD Auto COG HV |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features: | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Chip Size: | 2225 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 0.039 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 500 VDC |
| Dielectric Withstanding Voltage: | 750 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.10% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 25.641 GOhms |

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