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### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 2225            |
| L         | 5.6mm +/-0.4mm  |
| W         | 6.4mm +/-0.4mm  |
| T         | 2mm +/-0.20mm   |
| B         | 0.6mm +/-0.35mm |

### Packaging Specifications

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

### 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 | 370 mg                                                            |
| Shelf Life       | 78 Weeks                                                          |
| MSL              | 1                                                                 |

### Specifications

|                                                                    |                        |
|--------------------------------------------------------------------|------------------------|
| Capacitance                                                        | 0.01 uF                |
| Measurement Condition                                              | 1 kHz 1.0Vrms          |
| Capacitance Tolerance                                              | 2%                     |
| Voltage DC                                                         | 1000 VDC               |
| Dielectric Withstanding Voltage                                    | 1200 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% 1kHz 1.0Vrms      |
| Aging Rate                                                         | 0% Loss/Decade Hour    |
| Insulation Resistance                                              | 100 GOhms              |

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