

SMD Auto COG HV, Ceramic, 0.033 uF, 5%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1210



| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 2.5mm +/-0.2mm  |
| T          | 2.5mm +/-0.30mm |
| B          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 1000                     |

| 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:          | 1210  |
| Shelf Life:         | 78 Weeks  |
| MSL:                | 1   |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 0.033 uF            |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 630 VDC             |
| Dielectric Withstanding Voltage: | 819 VDC             |
| Temperature Range:               | -55/+125°C          |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.10% 1kHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 30.303 GOhms        |