KEMET Part Number: C1206C102GBGACAUTO



SMD Auto C0G HV, Ceramic, 1000 pF, 2%, 630 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1206



| Dimensions | | |
|------------|-----------------|--|
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 1.2mm +/-0.15mm | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 2500 | |

| 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: | 1206 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 1000 pF | |
| Capacitance Tolerance: | 2% | |
| Voltage DC: | 630 VDC | |
| Dielectric Withstanding Voltage: | 945 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.10% 1MHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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