

Ceramic, AUTO-(CxxxxC-AUTO), 0.1 uF, 5%, 500 V, 3040, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



Dimensions

| | |
|----------|-----------------|
| L | 7.6mm +/-0.4mm |
| W | 10.2mm +/-0.4mm |
| T | 2.5mm +/-0.20mm |
| B | 0.76mm +/-0.4mm |

Packaging Specifications

| | |
|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 350 |

General Information

| | |
|----------------------|-----------------------------------------------------|
| Style: | SMD Chip |
| Series: | AUTO-(CxxxxC-AUTO) |
| Chip Size: | 3040 |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features: | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Approvals: | AEC-Q200 |
| AEC-Q200: | Yes |

Specifications

| | |
|---------------------------------|---------------------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 500 VDC |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | C0G |
| Dissipation Factor: | 0.1% |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 10 GOhms |
| Dielectric Strength: | 750 V |