

Ceramic, AUTO-(CxxxxC-AUTO), 0.047 uF, 5%, 1,000 V, 3640, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



**Dimensions**

<b>L</b>	9.1mm +/-0.4mm
<b>W</b>	10.2mm +/-0.4mm
<b>T</b>	2.5mm +/-0.20mm
<b>B</b>	0.76mm +/-0.4mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	250

**General Information**

<b>Style:</b>	SMD Chip
<b>Series:</b>	AUTO-(CxxxxC-AUTO)
<b>Chip Size:</b>	3640
<b>Description:</b>	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
<b>Features:</b>	Ultra-Stable, Low Loss, Automotive Grade
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Failure Rate:</b>	N/A
<b>Approvals:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes

**Specifications**

<b>Capacitance:</b>	0.047 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	1000 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	COG
<b>Dissipation Factor:</b>	0.1%
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	21.277 GOhms
<b>Dielectric Strength:</b>	1,200 V