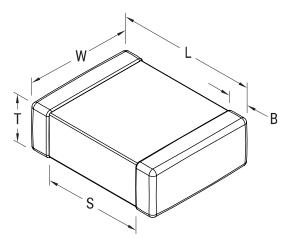


C3640C183JFGACAUTO

SMD Auto COG HV, Ceramic, 0.018 uF, 5%, 1,500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 3640, 6.3 mm



Click here for the 3D model.

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
Typical Component Weight	1.06 g
Shelf Life	78 Weeks
MSL	1

3640
9.1mm +/-0.4mm
10.2mm +/-0.4mm
2.5mm +/-0.20mm
6.3mm MIN
1.27mm +/-0.4mm

Packaging SpecificationsPackagingT&R, 180mm, Plastic TapePackaging Quantity250

Specifications	
Capacitance	0.018 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	55.5556 GOhms

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