

SMD Auto COG HV, Ceramic, 0.068 uF, 5%, 1000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 4540



Dimensions	
L	11.4mm +/-0.4mm
W	10.2mm +/-0.4mm
T	2.5mm +/-0.20mm
B	1.27mm +/-0.4mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	200

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:	4540
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.068 uF
Capacitance Tolerance:	5%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	14.706 GOHms

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