## **KEMET Part Number: C2824C223JDGACAUTO**



SMD Auto C0G HV, Ceramic, 0.022 uF, 5%, 1000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 2824



Dimensions		
L	7.1mm +/-0.4mm	
W	6.1mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	1.27mm +/-0.4mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	300	

General Information	
Supplier:	KEMET
Series:	SMD Auto C0G 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:	2824
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.022 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:	45.455 GOhms	

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