

SMD Auto COG Flex, Ceramic, 0.47 uF, 5%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 2220



Dimensions	
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	1.7mm +/-0.15mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information	
Supplier:	KEMET
Series:	SMD Auto COG Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade
Features:	FT-CAP, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	2220
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.47 uF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	2.128 GOhms

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