

Ceramic, Floating Electrode, AUTO-FlexFloat-(CxxxxY-AUTO), 0.1 uF, 10%, 50 V, 0805, X7R, SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade



Dimensions	
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

General Information	
Style:	SMD Chip
Series:	AUTO-FlexFloat-(CxxxxY-AUTO)
Chip Size:	0805
Description:	SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade
Features:	FF-CAP, Floating Electrode, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	1 GOhms