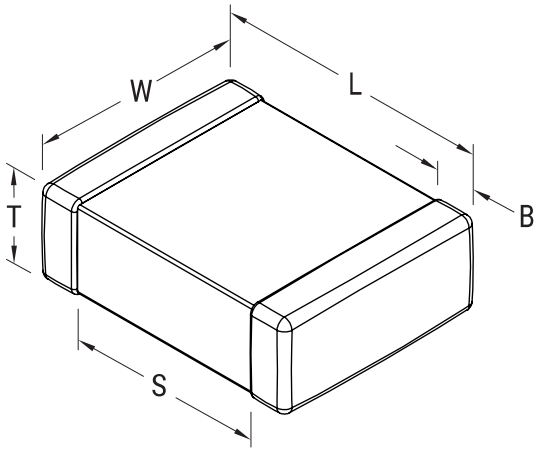
C0805S223K1RACAUTO

SMD Auto X7R FE, Ceramic, 0.022 uF, 10%, 100 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade, 0805, 0.7 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X7R FE
Style	SMD Chip
Description	SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade
Features	FE-CAP, Floating Electrode, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.10mm
S	0.7mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	0.022 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	45.4545 GOhms