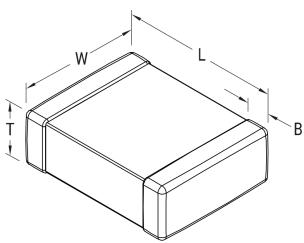


C2220C103KDRACAUTO

SMD Auto X7R HV, Ceramic, 0.01 uF, 10%, 1000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 2220



Click here for the 3D model.

Dimensions	
Chip Size	2220
L	5.7mm +/-0.4mm
W	5mm +/-0.4mm
Т	1.4mm +/-0.15mm
В	0.6mm +/-0.35mm

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

SeriesSMD Auto X7R HVStyleSMD ChipDescriptionSMD, MLCC, High Voltage, Temperature Stable, Automotive GradeFeaturesHigh Voltage, Temp Stable, Automotive GradeRoHSYesTerminationTinMarkingNoQualificationsAEC-Q200AEC-Q200YesComponent Weight230 mg	General Information	
Description SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade Features High Voltage, Temp Stable, Automotive Grade RoHS Yes Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	Series	SMD Auto X7R HV
Automotive Grade Features High Voltage, Temp Stable, Automotive Grade RoHS Yes Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	Style	SMD Chip
RoHS Yes Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	Description	
Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	Features	High Voltage, Temp Stable, Automotive Grade
Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	RoHS	Yes
Qualifications AEC-Q200 AEC-Q200 Yes Component 230 mg	Termination	Tin
AEC-Q200 Yes Component 230 mg	Marking	No
Component 230 mg	Qualifications	AEC-Q200
	AEC-Q200	Yes
		230 mg
Shelf Life 78 Weeks	Shelf Life	78 Weeks
MSL 1	MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 VDC
Temperature Range	-55/+125°C
Temperature 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	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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