

## C0603V392KCRAC3191

ArcShield SMD Auto X7R HV, Ceramic, 3900 pF, 10%, 500 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, Automotive Grade, 0603



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Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.10mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 330mm, 2mm Pitch, Paper Tape
Packaging Quantity	30000

General Information	
Series	ArcShield SMD Auto X7R HV
Style	SMD Chip
Description	SMD, MLCC, ArcShield, High Voltage, Automotive Grade
Features	ArcShield, High Voltage, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	6.5 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	3900 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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 1.0 Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	10 GOhms

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