

C1825C473KFRACAUTO

SMD Auto X7R HV, Ceramic, 0.047 uF, 10%, 1500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1825



Click here for the 3D model.

Dimensions	
Chip Size	1825
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
Т	2mm +/-0.20mm
В	0.6mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

General Information	
Series	SMD Auto X7R HV
Style	SMD Chip
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 Weight	310 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.047 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1800 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	21.2766 GOhms

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