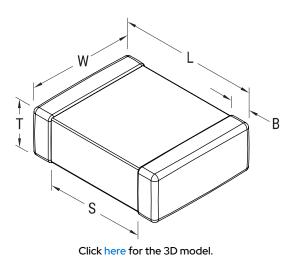




SMD Auto X7R HV Flex, Ceramic, 0.068 uF, 10%, 500 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1812, 2.3 mm



General Information	
Series	SMD Auto X7R HV Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Automotive Grade
Features	FT-CAP, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	95 mg
Shelf Life	78 Weeks
MSL	1

1812
4.5mm +/-0.4mm
3.2mm +/-0.3mm
1.3mm +/-0.10mm
2.3mm MIN
0.7mm +/-0.35mm
1

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

Specifications	
Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	1.4706 GOhms

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