


 Click [here](#) for the 3D model.

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	310 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	2mm +/-0.20mm
S	3.5mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	2220 / 5651

Specifications

Capacitance	0.33 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	303 MOhms

Packaging Specifications

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

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