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**General Information**

Series	SMD Auto X7R HV FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, Automotive Grade
Features	FF-CAP, Floating Electrode, High Voltage, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	55 mg
Shelf Life	78 Weeks
MSL	1

**Dimensions**

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.6mm +/-0.25mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

**Packaging Specifications**

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

**Specifications**

Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 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	100 GOhms

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