



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

#### 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	false
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	105 mg
Shelf Life	78 Weeks
MSL	1

#### Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.1mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

#### Packaging Specifications

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

#### Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.4706 GOhms