



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

#### Dimensions

Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	2.1mm +/-0.20mm
B	0.6mm +/-0.25mm

#### Packaging Specifications

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

#### General Information

Series	SMD Auto X7R HV VW80808
Style	SMD Chip
Description	SMD, MLCC, Automotive Grade
Features	VW 80808 Specification Compliant
RoHS	Yes
Termination	Flexible Termination
Failure Rate	N/A
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	65 mg
Shelf Life	152 Weeks

#### Specifications

Capacitance	8200 pF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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
Insulation Resistance	100 GOhms