

SMD Auto X7R, Ceramic, 22 uF, 10%, 10 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1210



**Dimensions**

Chip Size		1210
L		3.3mm +/-0.4mm
W		2.6mm +/-0.3mm
T		2.5mm +/-0.30mm
B		0.5mm +/-0.25mm

**Packaging Specifications**

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

**General Information**

Series:	SMD Auto X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	22 uF
Measurement Condition:	120 Hz 0.5Vrms
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 120Hz 0.5Vrms
Dissipation Factor:	5% 120 Hz 0.5Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	5 MOhms