

SMD Auto X7R Flex, Ceramic, 2.2 uF, 5%, 50 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1206



Dimensions

Dimensions	
Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.6mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications

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

General Information

Series:	SMD Auto X7R 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
Component Weight:	41 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	2.2 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 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:	10% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	45.5 MOhms