

SMD Auto X7R Flex, Ceramic, 10 uF, 5%, 16 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1206



**Dimensions**

Chip Size		1206
L		3.3mm +/-0.4mm
W		1.6mm +/-0.35mm
T		1.6mm +/-0.35mm
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:	55 mg
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	10 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 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:	10 MOhms