

SMD Auto X7R HV Flex, Ceramic, 6800 pF, 10%, 1000 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1206



Dimensions

Chip Size		1206
L		3.3mm +/-0.4mm
W		1.6mm +/-0.35mm
T		1.2mm +/-0.15mm
B		0.6mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

General Information

Series:	SMD Auto X7R HV 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:	31 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	6800 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1200 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
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms