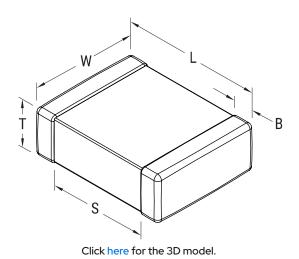




SMD Auto X7R Flex, Ceramic, 1,000 pF, 5%, 50 VDC, X7R, SMD, MLCC, FTCAP, Automotive Grade, 1.5 mm, 1206 / 3216



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
Typical Component Weight	17 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
Т	0.78mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

S	1.5mm MIN	Voltage DC	50 VDC
В	0.6mm +/-0.25mm	Dielectric Withstanding Voltage	125 VDC
Case Code (EIA / mm)	1206 / 3216	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
Packaging Specifications		Capacitance Change with	15%, 1kHz 1.0Vri
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity	4000	Discipation Factor	2 E% 1kH=10\/

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. 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

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