



SMD Auto X7R FO, Ceramic, 0.47 uF, 20%, 50 VDC, X7R, SMD, MLCC, Open Mode, Automotive Grade, 1.5 mm, 1206 / 3216



General Information	
Series	SMD Auto X7R FO
Style	SMD Chip
Description	SMD, MLCC, Open Mode, Automotive Grade
Features	Open Mode, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
Т	0.9mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

	Capacitance	0.47 uF
	Measurement Condition	1 kHz 1.0Vrms
	Tolerance	20%
	Voltage DC	50 VDC
	Dielectric Withstanding Voltage	125 VDC
	Temperature Range	-55/+125°C
ı	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

1.0638 GOhms

Specifications

Insulation Resistance

Packaging Specifications	
Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	10000

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