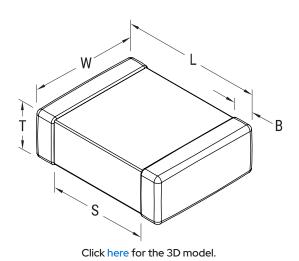




SMD Auto X7R FO, Ceramic, 0.47 uF, 10%, 50 VDC, X7R, SMD, MLCC, Open Mode, Automotive Grade, 1812, 2.3 mm



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	95 mg
Shelf Life	78 Weeks
MSL	1

1812
4.5mm +/-0.4mm
3.2mm +/-0.3mm
1mm +/-0.10mm
2.3mm MIN
0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	0.47 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
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	2.1277 GOhms

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