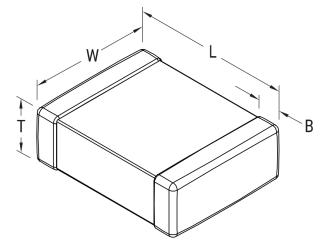


C1206C181KBRACAUTO

SMD Auto X7R HV, Ceramic, 180 pF, 10%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1206



Click here for the 3D model.

Dimensions		
Chip Size	1206	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	1mm +/-0.10mm	
В	0.5mm +/-0.25mm	

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

General Information	
Series	SMD Auto X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade
Features	High Voltage, Temp Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

Specifications				
Capacitance	180 pF			
Measurement Condition	1 kHz 1.0Vrms			
Capacitance Tolerance	10%			
Voltage DC	630 VDC			
Dielectric Withstanding Voltage	945 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			

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.