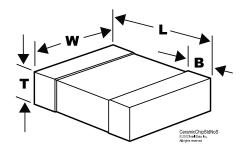
## KEMET Part Number: C1812C104KBRACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 0.1 uF, 10%, 630 V, 1812, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.4mm +/-0.15mm	
В	0.6mm +/-0.35mm	

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

General Information		
Style:	SMD Chip	
Series:	AUTO-(CxxxxC-AUTO)	
Chip Size:	1812	
Description:	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade	
Features:	High Voltage, Temp Stable, Automotive Grade	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	N/A	
Approvals:	AEC-Q200	
AEC-Q200:	Yes	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	630 VDC	
Dielectric Withstanding Voltage:	945 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1 GOhms	

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