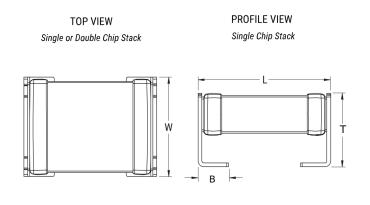


C1812C106K3R1CAUTO

KPS SMD Auto X7R, Ceramic, 10 uF, 10%, 25 VDC, X7R, 1812-1



General Information Series KPS SMD Auto X7R Style Stacked Chip SMD, MLCC, Stacked, Single Chip, Class II, Description Automotive Grade Features Automotive Grade RoHS Yes Termination Tin Qualifications AEC-Q200 AEC-Q200 Yes Component 170 mg Weight Chip Size 1812-1 Shelf Life 78 Weeks MSL

Click here for the 3D model.

Dimensions	
L	5mm +/-0.5mm
W	3.5mm +/-0.5mm
Т	2.65mm +/-0.35mm
В	1.1mm +/-0.3mm

Packaging Specifications			
Packaging	T&R, 180mm, Plastic Tape		
Packaging Quantity	500		

Specifications			
Capacitance	10 uF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	25 VDC		
Dielectric Withstanding Voltage	62.5 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	3.5%1kHz1.0Vrms		
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours		
Insulation Resistance	50 MOhms		

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.