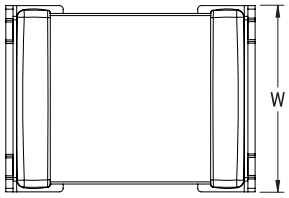
C1812C106M5R2CAUTO

KPS SMD Auto X7R, Ceramic, 10 uF, 20%, 50 VDC, X7R

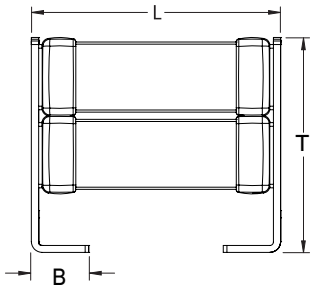
TOP VIEW

Single or Double Chip Stack



SIDE VIEW

Double Chip Stack



Click here for the 3D model.

General Information	
Series	KPS SMD Auto X7R
Style	Stacked Chip
Description	SMD, MLCC, Stacked, Double Chip, Class II, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Typical Component Weight	310 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	5mm +/-0.5mm
W	3.5mm +/-0.5mm
T	5mm +/-0.5mm
B	1.1mm +/-0.3mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	400

Specifications	
Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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	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.

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