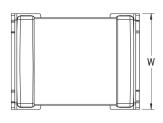


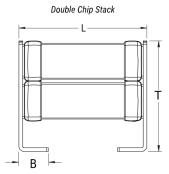
a YAGEO company

C1812C106M5R2CAUTO

KPS SMD Auto X7R, Ceramic, 10 uF, 20%, 50 VDC, X7R, 1812-2

TOP VIEW Single or Double Chip Stack





SIDE VIEW

Click here for the 3D model.

Dimensions	
L	5mm +/-0.5mm
W	3.5mm +/-0.5mm
Т	5mm +1/-0.5mm
В	1.1mm +/-0.3mm

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

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
AEC-Q200	Yes
Component Weight	310 mg
Chip Size	1812-2
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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 1.0 Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	50 MOhms

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