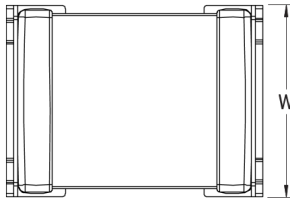


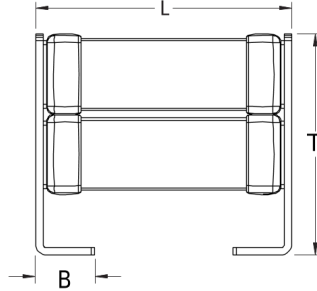
TOP VIEW

Single or Double Chip Stack



SIDE VIEW

Double Chip Stack



Click [here](#) for the 3D model.

**Dimensions**

L	6mm +/-0.5mm
W	5mm +/-0.5mm
T	5mm +/-0.50mm
B	1.6mm +/-0.3mm

**Packaging Specifications**

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	200

**General Information**

Series	KPS SMD Auto X7R HV
Style	Stacked Chip
Description	SMD, MLCC, Stacked, Double Chip, High Voltage, Class II, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	800 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Chip Size	2220-2
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	10 GOhms

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