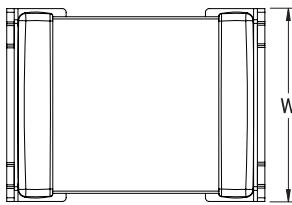
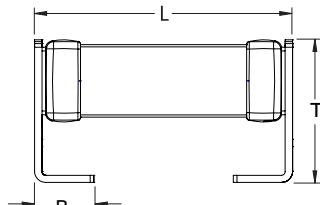


TOP VIEW
Single or Double Chip Stack

PROFILE VIEW
Single Chip Stack

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

General Information

Series	KPS SMD Auto X7R
Style	Stacked Chip
Description	SMD, MLCC, Stacked, Single Chip, Class II, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	410 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	6mm +/-0.5mm
W	5mm +/-0.5mm
T	3.5mm +/-0.30mm
B	1.6mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	300

Specifications

Capacitance	2.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
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%, 1 kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	454.5 MOhms

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