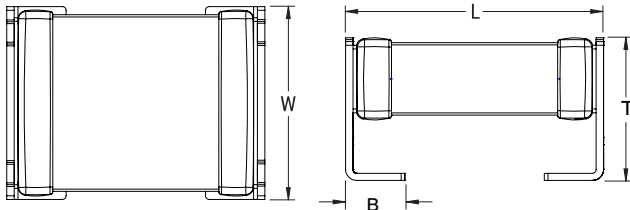


TOP VIEW  
Single or Double Chip Stack

PROFILE VIEW  
Single Chip Stack



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

## General Information

Series	KPS SMD Auto X8L HT150C
Style	Stacked Chip
Description	SMD, MLCC, Stacked, Single Chip, High Temperature, Automotive Grade
Features	High Temperature, Automotive Grade
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	160 mg
Chip Size	1210-1
Shelf Life	78 Weeks
MSL	1

## Dimensions

L	3.5mm +/-0.3mm
W	2.6mm +/-0.3mm
T	3.35mm +/-0.10mm
B	0.8mm +/-0.15mm

## Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	600

## Specifications

Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15% (-55C to +125C), +15/-40% (125C to 150C), 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	500 MOhms

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