

General Information

Series

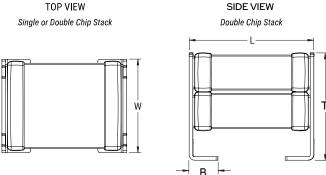
Style



KPS SMD Auto X8L HT150C

Stacked Chip





Click here for the 3D model.	Description	SMD, MLCC, Stacked, Double Chip, High Temperature, Automotive Grade
	Features	High Temperature, Automotive Grade
	RoHS	Yes
	Termination	Tin
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	290 mg
	Shelf Life	78 Weeks
	MSL	1
Dimensions	Specifications	

Dimensions		
L	3.5mm +/-0.3mm	
W	2.6mm +/-0.3mm	
Т	6.15mm +/-0.15mm	
В	0.8mm +/-0.15mm	
Deskaring Considerations		

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

Specifications	
Capacitance	2.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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	227.3 MOhms

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