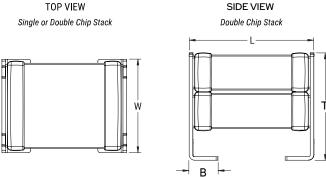


General Information

KPS SMD Auto X8L HT150C, Ceramic, 1 uF, 20%, 50 VDC, X8L, 1210-2





Click here for the 3D model.

SIDE VIEW	Series	KPS SMD Auto X8L HT150C
Double Chip Stack	Style	Stacked Chip
T	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
del.	Chip Size	1210-2
	Shelf Life	78 Weeks
	MSL	1

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

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

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+150°C
Temperature 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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