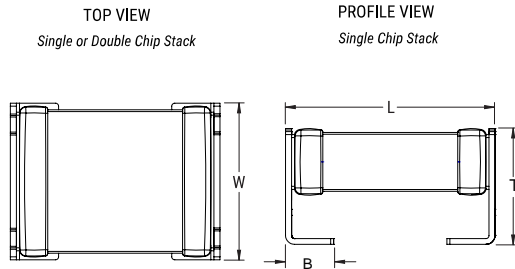


KPS SMD Auto X8L HT150C, Ceramic, 1 uF, 10%, 50 VDC, X8L, 1210-1



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

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
Component Weight:	160 mg
Chip Size:	1210-1
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
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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