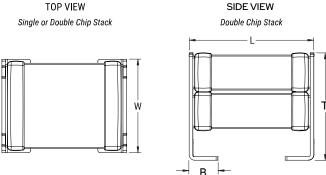


KPS SMD Auto X8L HT150C, Ceramic, 4.7 uF, 20%, 25 VDC, X8L, 1210-2

KPS SMD Auto X8L HT150C





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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
for the 3D model. Chip Size 1210-2
Shelf Life 78 Weeks
MSL 1

General Information

Series

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	4.7 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	106.4 MOhms

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