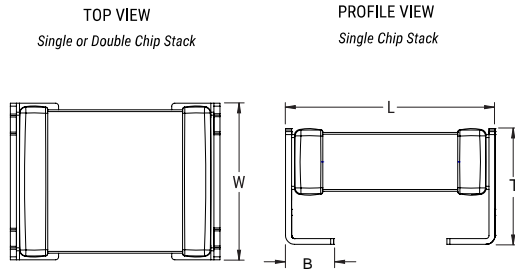


KPS SMD Auto X7R, Ceramic, Commercial Grade, 1 uF, 10%, 100 VDC, X7R, 1210-1



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	
Supplier:	KEMET
Series:	KPS SMD Auto X7R
Style:	Stacked Chip
Description:	SMD, MLCC, Stacked, Single Chip, Class II, Automotive Grade
Features:	Automotive Grade
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1210-1
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms

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