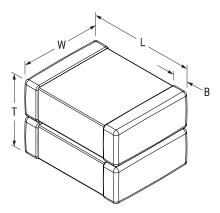
## **KEMET Part Number: C1812C945K5RLCAUTO**



## KONNEKT Auto X7R, Ceramic, 9.4 uF, 10%, 50 VDC, X7R



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	3.3mm +/-0.4mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Weight:	250 mg	
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information		
Series:	KONNEKT Auto X7R	
Style:	KONNEKT	
Description:	SMD, MLCC, KONNEKT, Ultra- Stable, Class II	
Features:	High Density Packaging	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Chip Size:	1812-2	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	9.4 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms	
Dissipation Factor:	2.5% 1 kHz 1.0Vrms	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	53.19 MOhms	

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