KEMET Part Number: C2225X105K1RACAUTO



SMD Auto X7R Flex, Ceramic, 1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 2225



Dimensions		
L	5.9mm +/-0.75mm	
W	6.4mm +/-0.4mm	
Т	1.3mm +/-0.15mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information		
Supplier:	KEMET	
Series:	SMD Auto X7R Flex	
Style:	SMD Chip	
Description:	SMD, MLCC, FT-CAP, Automotive Grade	
Features:	FT-CAP, Automotive Grade	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	2225	
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:	1 GOhms	

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