KEMET Part Number: C1206X106K3RACAUTO



Ceramic, SMD Auto X7R Flex, 10 uF, 10%, 25 V, 1206, X7R, "SMD, MLCC, FT-CAP, Automotive Grade"



Dimensions		
L	3.3mm +/-0.4mm	
W	1.6mm +/-0.4mm	
Т	0.9mm +/-0.10mm	
В	0.6mm +/-0.4mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	4000	

General Information	
Style:	SMD Chip
Series:	SMD Auto X7R Flex
Chip Size:	1206
Description:	"SMD, MLCC, FT-CAP, Automotive Grade"
Features:	"FT-CAP, Automotive Grade"
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	10% 120Hz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	10 MOhms	

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