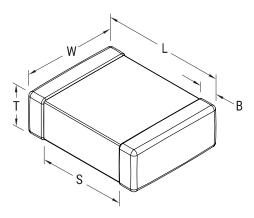
## **KEMET Part Number: C0402C104K4RECAUTO**



ESD SMD Auto X7R, Ceramic, Electro Static Discharge, 0.1 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0402



Dimensions	
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	10000	

General Information		
Supplier:	KEMET	
Series:	ESD SMD Auto X7R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade	
Features:	Temperature Stable, Automotive Grade	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	0402	

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
ESD Level per AEC-Q200:	16,000 V ESD Level
Dielectric Withstanding Voltage:	40 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	5 GOhms

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