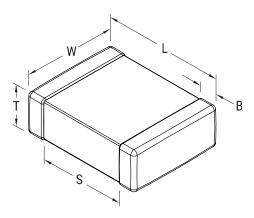
KEMET Part Number: C0402C472K4RECAUTO



ESD SMD Auto X7R, Ceramic, 4700 pF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0402



Dimensions	
Chip Size	0402
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		
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	
Component Weight:	1210 ug	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	4700 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
ESD Level per AEC-Q200:	8,000 V ESD Level
Dielectric Withstanding Voltage:	40 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:	3.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms

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