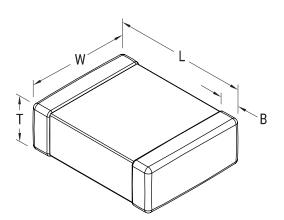
KEMET Part Number: C1812C472KGRACAUTO



SMD Auto X7R HV, Ceramic, 4700 pF, 10%, 2000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1812



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.4mm +/-0.15mm	
В	0.6mm +/-0.35mm	

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

General Information			
Supplier:	KEMET		
Series:	SMD Auto X7R HV		
Style:	SMD Chip		
Description:	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade		
Features:	High Voltage, Temp 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:	1812		
Shelf Life:	78 Weeks		
MSL:	1		

Specifications		
Capacitance:	4700 pF	
Capacitance Tolerance:	10%	
Voltage DC:	2000 VDC	
Dielectric Withstanding Voltage:	2,400 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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