KEMET Part Number: C0805C475J4RACAUTO



Ceramic, SMD Auto X7R, 4.7 uF, 5%, 16 V, 0805, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions		
L	2mm +/-0.3mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

General Information	
Style:	SMD Chip
Series:	SMD Auto X7R
Chip Size:	0805
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
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:	4.7 uF	
Capacitance Tolerance:	5%	
Voltage DC:	16 VDC	
Dielectric Withstanding Voltage:	40 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	10% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	21 MOhms	

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