## KEMET Part Number: C0805C474K3PACAUTO Not for New Design



SMD Comm X5R, Ceramic, 0.47 uF, 10%, 25 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	0.78mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

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

General Information	
Series:	SMD Comm X5R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 1000 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.47 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Dissipation Factor:	5% 1kHz 25C
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	1.064 GOhms

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