KEMET Part Number: C0805C684M3PACAUTO Not for New Design



SMD Comm X5R, Ceramic, 0.68 uF, 20%, 25 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

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

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:	0.68 uF	
Capacitance Tolerance:	20%	
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:	735 MOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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