KEMET Part Number: C0805R684K3RAC



Ceramic, 175C, 175C-(CxxxxC), 0.68 uF, 10%, 25 V, 0805, X7R, SMD, MLCC, High Temperature, FT-Cap



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

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Style:	SMD Chip	
Series:	175C-(CxxxxC)	
Chip Size:	0805	
Description:	SMD, MLCC, High Temperature, FT-Cap	
Features:	FT-CAP, High Temperature	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	0.68 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Temperature Range:	-55/+175C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	740 MOhms	
Dielectric Strength:	62.5 V	

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