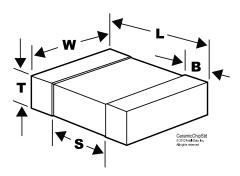
KEMET Part Number: C0805R684K3RACT250



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:	Cut Reel	
Packaging Quantity:	250	

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	
Dielectric Withstanding Voltage:	62.5 V	
Temperature Range:	-55/+175C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	15 MOhms	

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