## KEMET Part Number: C1812R155K5RACT250



## Ceramic, 175C, 175C-(CxxxxC), 1.5 uF, 10%, 50 V, 1812, X7R, SMD, MLCC, High Temperature, FT-Cap



Dimensions		
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.9mm +/-0.20mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Packaging:	Cut Reel	
Packaging Quantity:	250	

General Information	
Style:	SMD Chip
Series:	175C-(CxxxxC)
Chip Size:	1812
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:	1.5 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+175C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	67 MOhms	

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