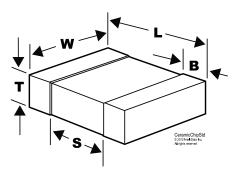
KEMET Part Number: C0603G154K3RACT250



Ceramic, 175C, 175C-(CxxxxC), 0.15 uF, 10%, 25 V, 0603, X7R, SMD, MLCC, High Temperature, Class II



Dimensions		
L	1.6mm +/-0.15mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.07mm	
S	0.7mm MIN	
В	0.35mm +/-0.15mm	

Packaging Specifications		
Packaging:	Cut Reel	
Packaging Quantity:	250	

General Information		
Style:	SMD Chip	
Series:	175C-(CxxxxC)	
Chip Size:	0603	
Description:	SMD, MLCC, High Temperature, Class II	
Features:	High Temperature, Class II	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	0.15 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:	3.33 GOhms	
Dielectric Strength:	62.5 V	

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.

