

Ceramic, 175C, 175C-(CxxxxC), 0.1 uF, 10%, 50 V, 0603, X7R, SMD, MLCC, High Temperature, Class II



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1

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:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+175C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	5 GOhms
Dielectric Strength:	125 V