

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



#### Dimensions

L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.58mm MIN
B	0.45mm +/-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, 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:	0.1 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:	100 MOhms