

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
T	1.9mm +/-0.20mm
B	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
Temperature Range:	-55/+175C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	670 MOhms
Dielectric Strength:	125 V