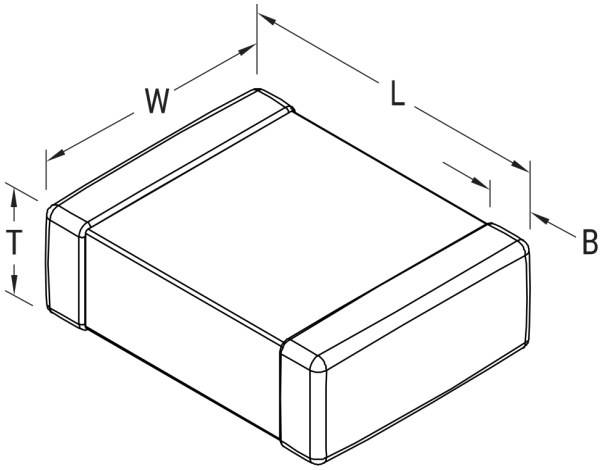
C1210R105K5RACT500

SMD Indust X7R HT175C, Ceramic, 1 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-Cap, 1210



Click here for the 3D model.

Dimensions	
Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	2.1mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	500

General Information	
Series	SMD Indust X7R HT175C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, FT-Cap
Features	FT-CAP, High Temperature
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	105 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+175°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15% (-55C to 125C), 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	500 MOhms

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