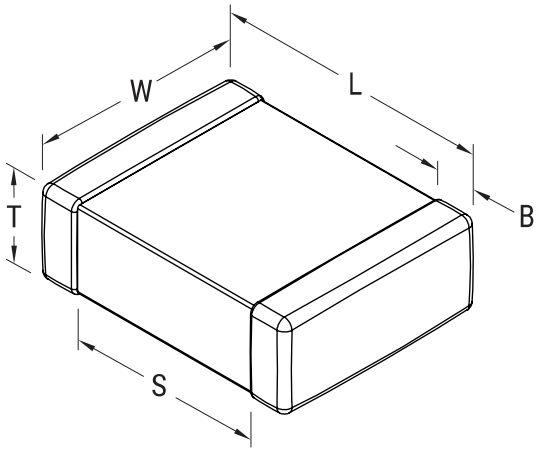
C0603R104K5RACT250

SMD Indust X7R HT175C, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-CAP, 0603 / 1608



Click here for the 3D model.

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
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.4mm MIN
B	0.45mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	250

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+175°C
Temp. 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	5 GOhms

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