

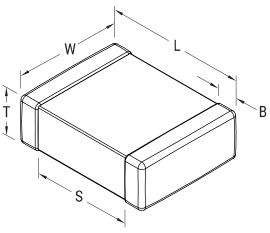
C0603G154K3RACT250

High Temperature, Class II, 0603

General Information

Series





Click here for the 3D model.	Style	SMD Chip
	Description	SMD, MLCC, High Temperature, Class II
	Features	High Temperature, Class II
	RoHS	Yes
	Termination	Tin
	Marking	No
	AEC-Q200	No
	Typical Component Weight	4.8 mg
	Shelf Life	78 Weeks
	MSL	1
nensions	Specifications	

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	250

Specifications	
Capacitance	0.15 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	3.3333 GOhms

SMD Indust X7R HT175C

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