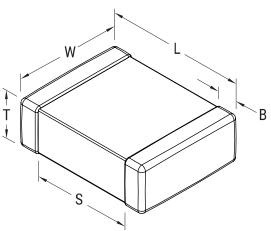


C1206R474K5RACT500

SMD Indust X7R HT175C, Ceramic, 0.47 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-CAP, 1206, 1.5 mm





	Series	SMD Indust X7R HT175C
Click here for the 3D model.	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
	Typical Component Weight	55 mg
	Shelf Life	78 Weeks
	MSL	1
	C '6' 1'	·

General Information

Dimensions	
Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.7mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	500

Specifications	
Capacitance	0.47 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	1.0638 GOhms

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