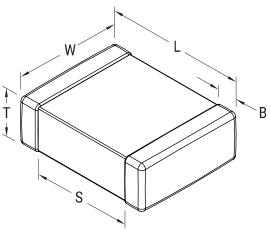


C1206R474K5RACT250

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





Click here for the 3D model.		Marking AEC-Q200 Typical Component Weight Shelf Life MSL
Dimensions		Specifications
Chip Size	1206	Capacitance
L	3.3mm +/-0.4mm	Measurement Condition
W	1.6mm +/-0.35mm	Tolerance

1.7mm +/-0.20mm

0.6mm +/-0.25mm

1.5mm MIN

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	250

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В

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		
Typical Component Weight	55 mg		
Shelf Life	78 Weeks		
MSL	1		

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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