## KEMET Part Number: C1206R474K5RACT250



SMD Indust X7R HT175C, Ceramic, 175C, 0.47 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-Cap, 1206



Dimensions		
L	3.3mm +/-0.4mm	
W	1.6mm +/-0.35mm	
Т	1.7mm +/-0.20mm	
В	0.6mm +/-0.25mm	

Packaging Specifications		
Packaging:	Cut Reel	
Packaging Quantity:	250	

General Information	
Supplier:	KEMET
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
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1206

Specifications		
Capacitance:	0.47 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+175C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1.064 GOhms	

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