

# KEMET Part Number: C0805C471K5RACTU

(C0805C471K5RAC7800, C0805C471K5RACTR, 0805C471K5RACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 470 pF, 10%, 50 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



## Dimensions

<b>L</b>	2mm +/-0.2mm
<b>W</b>	1.25mm +/-0.2mm
<b>T</b>	0.78mm +/-0.10mm
<b>S</b>	0.75mm MIN
<b>B</b>	0.5mm +/-0.25mm

## Packaging Specifications

<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	4000

## General Information

<b>Style:</b>	SMD Chip
<b>Supplier:</b>	KEMET
<b>Series:</b>	Commercial-(CxxxxC)
<b>Chip Size:</b>	0805
<b>Description:</b>	SMD, MLCC, Temperature Stable, Class II
<b>Features:</b>	Temperature Stable, Class II
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Failure Rate:</b>	N/A
<b>Miscellaneous:</b>	Note: Referee time for X7R dielectric for this part number is 1000 hours

## Specifications

<b>Capacitance:</b>	470 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	50 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.5%
<b>Aging Rate:</b>	3% Loss/Decade Hour
<b>Dielectric Strength:</b>	125 V

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