

# KEMET Part Number: C0805X104K5RACTU

(C0805X104K5RAC7800, C0805X104K5RACTR, 0805X104K5RACTU)



Ceramic, Commercial Grade, KEMET, FlexTerm-(CxxxxX), 0.1 uF, 10%, 50 V, 0805, X7R, SMD, MLCC, FT-CAP, Temperature Stable



## Dimensions

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	0.78mm +/-0.20mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

## Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	4000

## General Information

Style:	SMD Chip
Supplier:	KEMET
Series:	FlexTerm-(CxxxxX)
Chip Size:	0805
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

## Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	125 V

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