

KEMET Part Number: C0805C102KDRACTU
 (C0805C102KDRAC7800, C0805C102KDRACTR, 0805C102KDRACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1000 pF, 10%, 1,000 V, 0805, X7R, SMD, MLCC, High Voltage, Temperature Stable



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

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

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	1,200 V

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