KEMET Part Number: C1825C104KDRACTU

(C1825C104KDRAC7800)



Ceramic, Commercial-(CxxxxC), 0.1 uF, 10%, 1,000 V, 1825, X7R, SMD, MLCC, High Voltage, Temperature Stable



General information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1825
Description:	SMD, MLCC, High Voltage, Temperature Stable
Features:	High Voltage
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

General Information

Dimensions	
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
Т	2.5mm +/-0.20mm
В	0.6mm +/-0.35mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	500

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms

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