

# KEMET Part Number: C0805V103KCRACTU

(C0805V103KCRAC7800, C0805V103KCRAC7800, C0805V103KCRACTR, 0805V103KCRACTU)



Ceramic, Anti-Arcing, KEMET, ArcShield-(CxxxxV), 0.01 uF, 10%, 500 V, 0805, X7R, SMD, MLCC, ArcShield, 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:	ArcShield-(CxxxxV)
Chip Size:	0805
Description:	SMD, MLCC, ArcShield, High Voltage, Temperature Stable
Features:	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. X7R dielectric is not recommended for AC line filtering or pulse applications

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	750 V

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