

KEMET Part Number: C1210V154KCRACTU
(C1210V154KCRAC7800)



Ceramic, Anti-Arcing, ArcShield-(CxxxxV), 0.15 uF, 10%, 500 V, 1210, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable



Dimensions	
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.1mm +/-0.20mm
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

General Information	
Style:	SMD Chip
Series:	ArcShield-(CxxxxV)
Chip Size:	1210
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:	0.15 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	667 MOhms

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