

KEMET Part Number: C1808V223KDRACTU
(C1808V223KDRAC7800, C1808V223KDRAC7800, C1808V223KDRAC7800)



Ceramic, Anti-Arcing, KEMET, ArcShield-(CxxxxV), 0.022 uF, 10%, 1,000 V, 1808, X7R, SMD, MLCC, Arcshield, High Voltage, Temp Stable



Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1mm +/-0.10mm
B	0.6mm +/-0.35mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Supplier:	KEMET
Series:	ArcShield-(CxxxxV)
Chip Size:	1808
Description:	SMD, MLCC, Arcshield, High Voltage, Temp 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:	0.022 uF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	4.55 GOhms
Dielectric Strength:	1,200 V

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