

KEMET Part Number: C1808V683KDRACTU
(C1808V683KDRAC7800)

Ceramic, Anti-Arcing, ArcShield-(CxxxxV), 0.068 uF, 10%, 1,000 V, 1808, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable



Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	2mm +/-0.15mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information

Style:	SMD Chip
Series:	ArcShield-(CxxxxV)
Chip Size:	1808
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:	0.068 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:	1.471 GOhms