

KEMET Part Number: C1812W104KDRACTU
(C1812W104KDRAC7800)

Ceramic, Anti-Arcing, ArcShieldFlexTerm-(CxxxxW), 0.1 uF, 10%, 1,000 V, 1812, X7R, SMD, MLCC, Arcshield, High Voltage



Dimensions

L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.7mm +/-0.15mm
B	0.7mm +/-0.35mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	ArcShieldFlexTerm-(CxxxxW)
Chip Size:	1812
Description:	SMD, MLCC, Arcshield, High Voltage
Features:	High Voltage
RoHS:	Yes
Termination:	Flexible Termination
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:	0.1 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:	1 GOhms