

KEMET Part Number: C0805W123KBRACU
(C0805W123KBRAC7800)



Ceramic, Anti-Arcing, ArcShieldFlexTerm-(CxxxxW), 0.012 uF, 10%, 630 V, 0805, X7R, SMD, MLCC, Arcshield, High Voltage



CeramicChipSld
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Dimensions

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
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
Series:	ArcShieldFlexTerm-(CxxxxW)
Chip Size:	0805
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:	0.012 uF
Capacitance Tolerance:	10%
Voltage DC:	630 VDC
Dielectric Withstanding Voltage:	945 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	8.333 GOhms

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