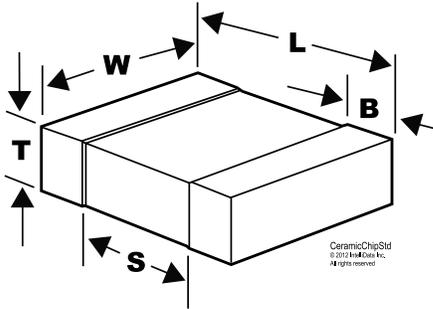


**KEMET Part Number: C0603V102KBRACU**  
(C0603V102KBRAC7867)

Ceramic, Anti-Arcing, ArcShield-(CxxxxV), 1000 pF, 10%, 630 V, 0603, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable



**Dimensions**

Dimension	Value
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	4000

**General Information**

<b>Style:</b>	SMD Chip
<b>Series:</b>	ArcShield-(CxxxxV)
<b>Chip Size:</b>	0603
<b>Description:</b>	SMD, MLCC, ArcShield, High Voltage, Temperature Stable
<b>Features:</b>	High Voltage, Temperature Stable
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Failure Rate:</b>	N/A
<b>Miscellaneous:</b>	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**

<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	630 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.5%
<b>Aging Rate:</b>	3% Loss/Decade Hour
<b>Insulation Resistance:</b>	10 GOhms
<b>Dielectric Strength:</b>	945 V