

KEMET Part Number: C0603W102KBRACU
(C0603W102KBRAC7867)

ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 1000 pF, 10%, 630 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 0603



Dimensions

L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

Supplier:	KEMET
Series:	ArcShield SMD Comm X7R HV
Style:	SMD Chip
Description:	SMD, MLCC, Arcshield, High Voltage
Features:	High Voltage
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
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
Chip Size:	0603

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	630 VDC
Dielectric Withstanding Voltage:	945 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms