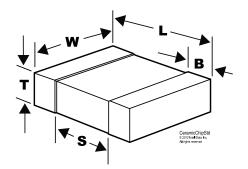
KEMET Part Number: C0603V102KBRACTU

(C0603V102KBRAC7867)



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



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.10mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

General Information	
Style:	SMD Chip
Series:	ArcShield-(CxxxxV)
Chip Size:	0603
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:	1000 pF	
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:	10 GOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

