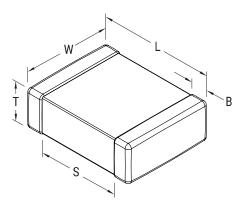
KEMET Part Number: C0603V102KDRACTU

(C0603V102KDRAC7867)



ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 1000 pF, 10%, 1,000 V, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable, 0603



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	
Supplier:	KEMET
Series:	ArcShield SMD Comm X7R HV
Style:	SMD Chip
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
Chip Size:	0603
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	1000 pF	
Capacitance Tolerance:	10%	
Voltage DC:	1000 VDC	
Dielectric Withstanding Voltage:	1,200 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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