KEMET Part Number: C0603W102KCRACTU

(C0603W102KCRAC7867)



ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 1000 pF, 10%, 500 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 0603



Dimensions		
L	1.6mm +/-0.17mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.10mm	
S	0.58mm MIN	
В	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:	500 VDC	
Dielectric Withstanding Voltage:	750 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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