KEMET Part Number: C0805W103KCRACTU

(C0805W103KCRAC7800)



ArcShield SMD Comm X7R HV, Ceramic, 0.01 uF, 10%, 500 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 0805



Dimensions	
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

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:	0805	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 VDC	
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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