## KEMET Part Number: C0805W103KCRACTU

(C0805W103KCRAC7800)



Capacitor, Ceramic, SMD, MLCC, Arcshield, High Voltage, 0.01 uF, +/-10% Tol, 500 V, X7R, 0805 (2012 metric)



General Information		
Supplier:	KEMET	
Application:	Arc Shield	
Chip Size:	0805 (2012 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, Arcshield, High Voltage	
Termination Type:	Flexible Termination	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2	+/-0.3
W	1.25	+/-0.3
Т	1.25	+/-0.15
В	0.5	+/-0.25
S	0.75	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	2500	

Specifications		
Capacitance:	0.01 uF	
Voltage:	500 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	10 GOhm	
Dielectric Strength:	750 V	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Miscellaneous:	X7R dielectric is not recommended for AC line filtering or pulse applications	

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