

**KEMET Part Number: C0805W223KCRAC7800**  
(C0805W223KCRAC7800)

Capacitor, Ceramic, SMD, MLCC, Arcshield, High Voltage, 0.022 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
T	1.25	+/-0.15
B	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:	0.022 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:	4.55 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