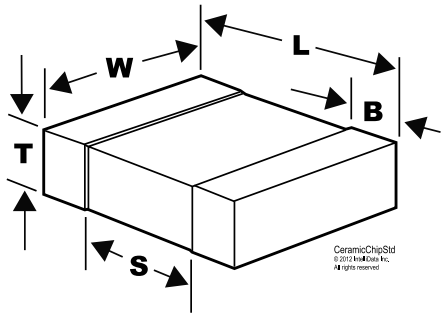
KEMET Part Number: C0603W102KCRACTU

(C0603W102KCRAC7867)

Capacitor, Ceramic, SMD, MLCC, Arcshield, High Voltage, 1000 pF, +/-10% Tol, 500 V, X7R, 0603 (1608 metric)



General Information	
Supplier:	KEMET
Application:	Arc Shield
Chip Size:	0603 (1608 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	1.6	+/-0.17
W	0.8	+/-0.15
T	0.8	+/-0.10
B	0.45	+/-0.15
S	0.58	MIN

Specifications	
Capacitance:	1000 pF
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

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Paper Tape
Package Quantity:	4000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

© 2006-2015 IntelliData.net