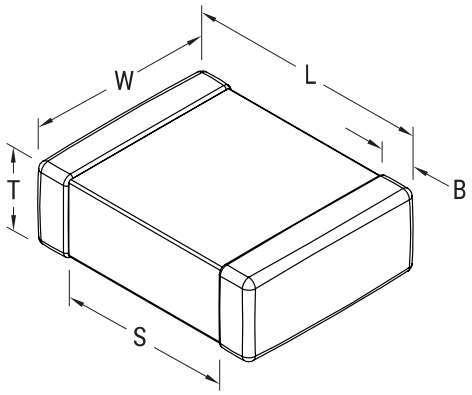
KEMET Part Number: C0603W152KCRACTU

(C0603W152KCRAC7867)

ArcShield SMD Comm X7R HV, Ceramic, 1500 pF, 10%, 500 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 0603



General Information	
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
AEC-Q200:	No
Component Weight:	6500 ug
Miscellaneous:	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life:	78 Weeks
MSL:	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Specifications	
Capacitance:	1500 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	10 GOhms

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

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