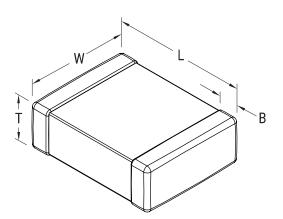
## KEMET Part Number: C1206W683KCRACTU

(C1206W683KCRAC7800)



ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 0.068 uF, 10%, 500 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 1206



Dimensions		
L	3.3mm +/-0.4mm	
W	1.6mm +/-0.35mm	
Т	1.7mm +/-0.20mm	
В	0.6mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2000	

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:	1206	

Specifications		
Capacitance:	0.068 uF	
Capacitance Tolerance:	10%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1.471 GOhms	

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