

KEMET Part Number: C1808X683KCRACTU
(C1808X683KCRAC7800)

SMD Comm X7R HV Flex, Ceramic, 0.068 uF, 10%, 500 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1808



Dimensions	
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1.4mm +/-0.15mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R HV Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1808

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