## **KEMET Part Number: C1825C683KFRACTU**

(C1825C683KFRAC7800)



SMD Comm X7R HV, Ceramic, 0.068 uF, 10%, 1500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825



Dimensions		
L	4.5mm +/-0.3mm	
W	6.4mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R HV
Style:	SMD Chip
Description:	SMD, MLCC, High Voltage, Temperature Stable
Features:	High Voltage
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1825

Specifications		
Capacitance:	0.068 uF	
Capacitance Tolerance:	10%	
Voltage DC:	1500 VDC	
Dielectric Withstanding Voltage:	1,800 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	14.706 GOhms	

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