## KEMET Part Number: C0603C683J5RECTU

(C0603C683J5REC7867)



ESD SMD Comm X7R, Ceramic, Electro Static Discharge, 0.068 uF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0603



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

General Information		
Supplier:	KEMET	
Series:	ESD SMD Comm X7R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II	
Features:	Temperature Stable, Class II	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	0603	

Specifications		
Capacitance:	0.068 uF	
Capacitance Tolerance:	5%	
Voltage DC:	50 VDC	
ESD Level per AEC-Q200:	25,000 V ESD Level	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	7.353 GOhms	

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