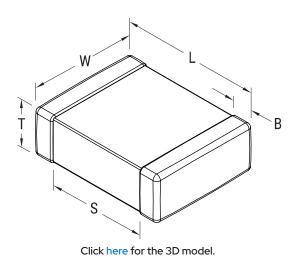


C1812C683KCRACTU

Aliases (C1812C683KCRAC7800)

SMD Comm X7R HV, Ceramic, 0.068 uF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1812, 2.3 mm



General Information		
Series	SMD Comm X7R HV	
Style	SMD Chip	
Description	SMD, MLCC, High Voltage, Temperature Stable	
Features	High Voltage	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	95 mg	
Shelf Life	78 Weeks	
MSL	1	

0.068 uF

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1.3mm +/-0.10mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

	4.5mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrms
	3.2mm +/-0.3mm	Tolerance	10%
	1.3mm +/-0.10mm	Voltage DC	500 VDC
	2.3mm MIN	Dielectric Withstanding Voltage	750 VDC
	0.6mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
T&R, 180mm, Plastic Tape		Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
ntity 1000		Dissipation Factor	2.5% 1 kHz 1.0Vrms
		Aging Rate	3% Loss/Decade Hour: Referee

Specifications

Capacitance

-	4.511111 -7 0.511111	Medsarement condition	TRITE I.O VIIIIS
W	3.2mm +/-0.3mm	Tolerance	10%
Т	1.3mm +/-0.10mm	Voltage DC	500 VDC
S	2.3mm MIN	Dielectric Withstanding Voltage	750 VDC
В	0.6mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
Packaging Specifications		Capacitance Change with	15%, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	·
Packaging Quantity 1000	Dissipation Factor	2.5% 1 kHz 1.0Vrms	
		Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
		Insulation Resistance	1.4706 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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