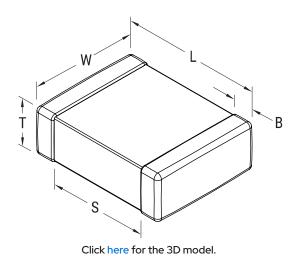


## C1210C823KBRACTU

Aliases (C1210C823KBRAC7800)

SMD Comm X7R HV, Ceramic, 0.082 uF, 10%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210, 1.5 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	105 mg
Shelf Life	78 Weeks
MSL	1

0.082 uF

1 kHz 1.0Vrms

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	2.1mm +/-0.20mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

	2.5mm +/-0.2mm	Tolerance	10%
	2.1mm +/-0.20mm	Voltage DC	630 VDC
	1.5mm MIN	Dielectric Withstanding Voltage	945 VDC
	0.5mm +/-0.25mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
ging Specifications		Capacitance Change with	15%, 1kHz 1.0Vrms
ging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
ging Quantity	2000	Dissipation Factor	2.5% 1 kHz 1.0Vrms
		Aging Rate	3% Loss/Decade Hour: Referee

**Specifications** 

Measurement Condition

Capacitance

S	1.5mm MIN	Dielectric Withstanding Voltage	945 VDC
В	0.5mm +/-0.25mm	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)	13 70, 100 12 1.0 411113
Packaging Quantity 2000	2000	Dissipation Factor	2.5% 1 kHz 1.0Vrms
	Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours	
		Insulation Resistance	1.2195 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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