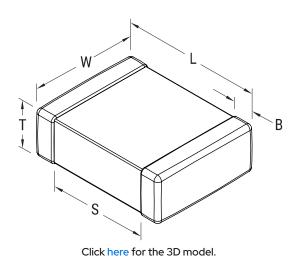


C1825X102MGRACTU

Aliases (C1825X102MGRAC7800)

SMD Comm X7R HV Flex, Ceramic, 1,000 pF, 20%, 2,000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1825, 2.3 mm



General Information		
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	
AEC-Q200	No	
Typical Component Weight	280 mg	
Shelf Life	78 Weeks	
MSL	1	

1,000 pF

1 kHz 1.0Vrms

100 GOhms

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
Т	1.6mm +/-0.20mm
S	2.3mm MIN
В	0.7mm +/-0.35mm

W	6.4mm +/-0.4mm
Т	1.6mm +/-0.20mm
S	2.3mm MIN
В	0.7mm +/-0.35mm
Packaging Specifications	

Packagir Packagin

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	6.4mm +/-0.4mm	Tolerance	20%
	1.6mm +/-0.20mm	Voltage DC	2000 VDC
	2.3mm MIN	Dielectric Withstanding Voltage	2,400 VDC
	0.7mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
ing Specifications T&R, 180mm, Plastic Tape	T&R, 180mm, Plastic Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
ing Quantity	1000	Dissipation Factor	2.5%1kHz1.0Vrms
		Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours

Specifications

Measurement Condition

Insulation Resistance

Capacitance

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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