

C1825C103KZRACTU

Aliases (C1825C103KZRAC7800)

General Information

Series

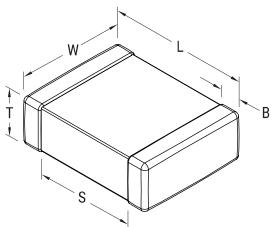
Style Description

SMD Comm X7R HV, Ceramic, 0.01 uF, 10%, 2,500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 2.3 mm

SMD Comm X7R HV

SMD, MLCC, High Voltage,

SMD Chip



		,	Temperature Stable
T M	В	Features	High Voltage
<u> </u>		RoHS	Yes
		Termination	Tin
s		Marking	No
	S	AEC-Q200	No
		Typical Component Weight	380 mg
	Click here for the 3D model.	Shelf Life	78 Weeks
		MSL	1
Dimensions		Specifications	
Chin Sizo	1825	Canacitance	0.01 uF

Dimensions				
Chip Size	1825			
L	4.5mm +/-0.3mm			
W	6.4mm +/-0.4mm			
T	2.5mm +/-0.20mm			
S	2.3mm MIN			
В	0.6mm +/-0.35mm			

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

Specifications				
Capacitance	0.01 uF			
Measurement Condition	1 kHz 1.0Vrms			
Tolerance	10%			
Voltage DC	2500 VDC			
Dielectric Withstanding Voltage	3,000 VDC			
Temperature Range	-55/+125°C			
Temp. Coefficient	X7R			
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms			
Dissipation Factor	2.5%1kHz1.0Vrms			
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours			
Insulation Resistance	100 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.

Generated 06/12/2025 © 2006 - 2025 YAGEO