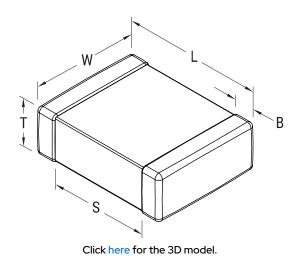


C1825C473MCRACTU

Aliases (C1825C473MCRAC7800) SMD Comm X7R HV, Ceramic, 0.047 uF, 20%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 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	240 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications	
1825	Capacitance	0.047 uF
4.5mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrms
6.4mm +/-0.4mm	Tolerance	20%
1.4mm +/-0.15mm	Voltage DC	500 VDC
2.3mm MIN	Dielectric Withstanding Voltage	750 VDC
0.6mm +/-0.35mm	Temperature Range	-55/+125°C
	Temp. Coefficient	X7R
	Capacitance Change with	15%, 1kHz 1.0Vrms
T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
1000	Dissipation Factor	2.5%1kHz1.0Vrms
	Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours

Insulation Resistance

Time is 1000 Hours 21.2766 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.

Dimensions

Packaging Specifications

Packaging Quantity

Chip Size

L W

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Packaging