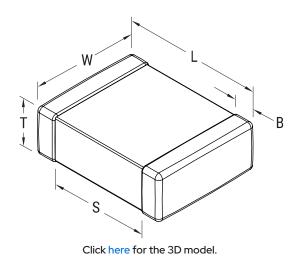


C1812C182KFRACTU

Aliases (C1812C182KFRAC7800) SMD Comm X7R HV, Ceramic, 1,800 pF, 10%, 1,500 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	

	Specifications	
	Capacitance	1,800 pF
	Measurement Condition	1 kHz 1.0Vrms
	Tolerance	10%
	Voltage DC	1500 VDC
	Dielectric Withstanding Voltage	1,800 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

 Dimensions

 Chip Size
 1812

 L
 4.5mm +/-0.3mm

 W
 3.2mm +/-0.3mm

 T
 1mm +/-0.10mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

Packaging Quantity 1

T&R, 180mm, Plastic Tape 1000

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