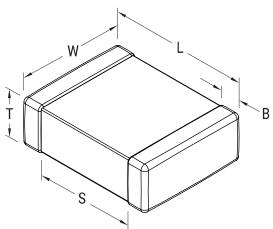


## C1812C563JCRACTU

Aliases (C1812C563JCRAC7800)

**General Information** 

SMD Comm X7R HV, Ceramic, 0.056 uF, 5%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1812, 2.3 mm



	Series	SMD Comm X7R HV
L L	Style	SMD Chip
	Description	SMD, MLCC, High Voltage, Temperature Stable
В	Features	High Voltage
	RoHS	Yes
	Termination	Tin
	Marking	No
S	AEC-Q200	No
	Typical Component Weight	95 mg
Click here for the 3D model.	Shelf Life	78 Weeks
	MSL	1

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1.4mm +/-0.15mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	0.056 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.7857 GOhms

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