

C1825C563KFRACTU

Aliases (C1825C563KFRAC7800)

SMD Comm X7R HV, Ceramic, 0.056 uF, 10%, 1500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825



Click [here](#) for the 3D model.

Dimensions	
Chip Size	1825
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	2mm +/-0.20mm
B	0.6mm +/-0.35mm

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

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
Component Weight	310 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.056 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1800 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	17.8571 GOhms

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