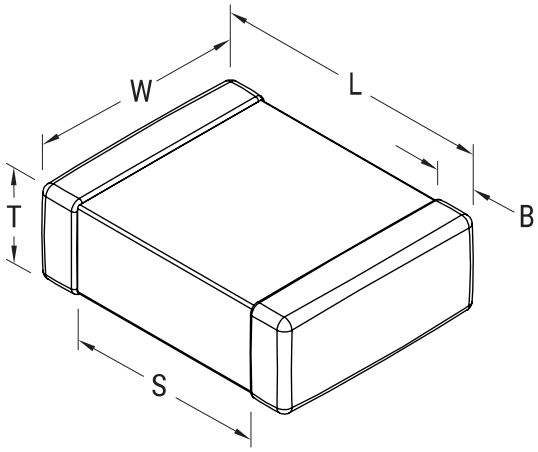
C0805F683K1RACTU

Aliases (C0805F683K1RAC7800)

SMD Comm X7R FO, Ceramic, 0.068 uF, 10%, 100 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 0805 / 2012



Click here for the 3D model.

General Information	
Series	SMD Comm X7R FO
Style	SMD Chip
Description	SMD, MLCC, Open Mode, Temperature Stable
Features	Open Mode, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

Specifications	
Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	14.7059 GOhms

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