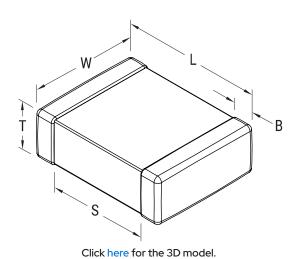


## C0805F684K4RACTU

Aliases (C0805F684K4RAC7800) SMD Comm X7R FO, Ceramic, 0.68 uF, 10%, 16 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 0805, 0.7 mm



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
AEC-Q200	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.25mm +/-0.15mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

•	
S	0.7mm MIN
В	0.5mm +/-0.25mm
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape

2500

Packaging Quantity

Specifications	
Capacitance	0.68 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 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	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	735.3 MOhms

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