

C1805C682K1RAC

SMD Comm X7R, Ceramic, 6800 pF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1805



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

Dimensions	
Chip Size	1805
L	4.5mm +/-0.5mm
W	1.27mm +/-0.38mm
T	0.9mm +/-0.10mm
B	0.6mm +/-0.35mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1

General Information	
Series	SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	6800 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	100 GOhms

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