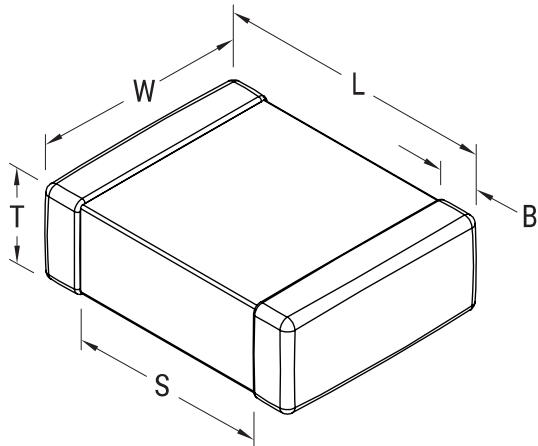


## C1825C225J5RACTM

Aliases (C1825C225J5RAC7025)

SMD Comm X7R, Ceramic, 2.2 uF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 2.3 mm, 1825 / 4663



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

### 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	Yes
AEC-Q200	No
Typical Component Weight	240 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	2.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	454.5 MOhms

### Dimensions

L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	1.5mm +/-0.15mm
S	2.3mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	1825 / 4663

### Packaging Specifications

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

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