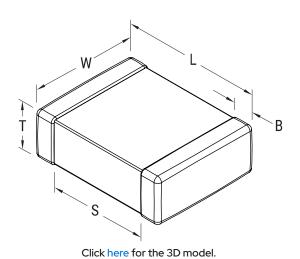


## C1825C153KGRACTU

Aliases (C1825C153KGRAC7800) SMD Comm X7R HV, Ceramic, 0.015 uF, 10%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 2.3 mm, 1825 / 4663



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
Typical Component Weight	380 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
Т	2.5mm +/-0.20mm
S	2.3mm MIN
В	0.6mm +/-0.35mm
Case Code (EIA / mm)	1825 / 4663

Case Code (EIA / mm)	1825 / 4663
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

Specifications	
Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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	66.6667 GOhms

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