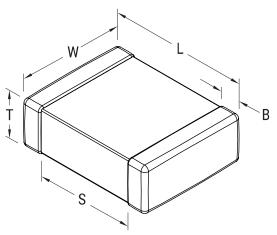


## C1825C154KBRACTU

Aliases (C1825C154KBRAC7800)

SMD Comm X7R HV, Ceramic, 0.15 uF, 10%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 2.3 mm



Click	here	for	the	3D	model.
CIICK	Hele	101	uie	$^{\circ}$	model.

Dimensions	
Chip Size	1825
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

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

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	240 mg
Shelf Life	78 Weeks
MSI	1

Specifications	
Capacitance	0.15 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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	666.7 MOhms

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