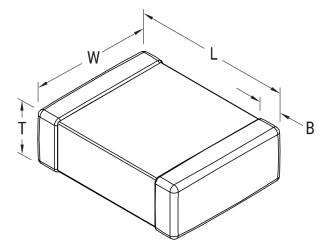


C1825C512JFGACTU

## Aliases (C1825C512JFGAC7800)

SMD Comm COG HV, Ceramic, 5100 pF, 5%, 1500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1825



Click here for the 3D model.

Dimensions		
Chip Size	1825	
L	4.5mm +/-0.3mm	
W	6.4mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	0.6mm +/-0.35mm	

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

General Information	
Series	SMD Comm COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	310 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	5100 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1800 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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