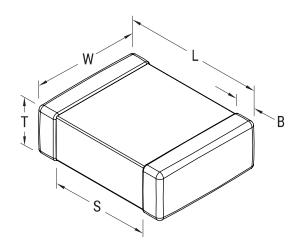


C1825C273KCGACTU

Aliases (C1825C273KCGAC7800) SMD Comm COG HV, Ceramic, 0.027 uF, 10%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1825, 2.3 mm



Click here for the 3D model.

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
Typical Component Weight	260 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.027 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temp. 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	37.037 GOhms

 Dimensions

 Chip Size
 1825

 L
 4.5mm +/-0.3mm

 W
 6.4mm +/-0.4mm

 T
 2mm +/-0.20mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications Packaging

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

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