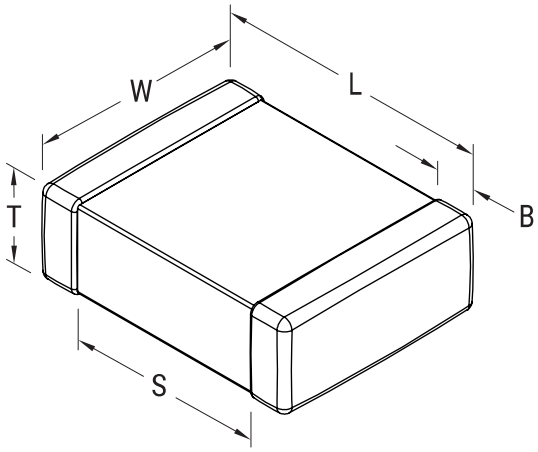
C2824C272JDGACAUTO

SMD Auto C0G HV, Ceramic, 2,700 pF, 5%, 1,000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 2824, 4.2 mm



Click here for the 3D model.

General Information	
Series	SMD Auto C0G HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	290 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	2824
L	7.1mm +/-0.4mm
W	6.1mm +/-0.4mm
T	1.4mm +/-0.15mm
S	4.2mm MIN
B	1.27mm +/-0.4mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	750

Specifications	
Capacitance	2,700 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	C0G
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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