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#### General Information

Series	SMD Auto COG 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	4.6 mg
Shelf Life	78 Weeks
MSL	1

#### Dimensions

L	1.6mm +/-0.15mm	Capacitance	680 pF
W	0.8mm +/-0.15mm	Measurement Condition	1 MHz 1.0Vrms
T	0.8mm +/-0.10mm	Tolerance	5%
S	0.5mm MIN	Voltage DC	630 VDC
B	0.35mm +/-0.15mm	Dielectric Withstanding Voltage	819 VDC
Case Code (EIA / mm)	0603 / 1608	Temperature Range	-55/+125°C

#### Packaging Specifications

Packaging	T&R, 180mm, Paper Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Packaging Quantity	4000	Dissipation Factor	0.1% 1MHz 1.0Vrms

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.5mm MIN
B	0.35mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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