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General Information

Series	KC-LINK Auto COG
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
Typical Component Weight	260 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.082 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	650 VDC
Dielectric Withstanding Voltage	845 VDC
Temperature Range	-55/+150°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% 1kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	12.1951 GOhms

Dimensions

L	5.7mm +/-0.4mm
W	5mm +/-0.4mm
T	2mm +/-0.20mm
S	3.5mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	2220 / 5651

Packaging Specifications

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

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