

C1206C683K5GEC7210

ESD SMD Comm COG, Ceramic, 0.068 μ F, 10%, 50 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 1206



Click [here](#) for the 3D model.

Dimensions

Chip Size 1206

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm

Dimensions

B 0.5mm +/-0.25mm

Packaging Specifications

Packaging T&R, 330mm, Plastic Tape

Packaging Quantity 8000

General Information

Series ESD SMD Comm C0G
Style SMD Chip
Description SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I
Features Temperature Stable, Low ESR, Class I
RoHS Yes
Termination Tin
Marking No
AEC-Q200 No
Component Weight 36 mg
Shelf Life 78 Weeks
MSL 1

Specifications

Capacitance 0.068 uF
Measurement Condition 1 kHz 1.0Vrms
Capacitance Tolerance 10%
Voltage DC 50 VDC
ESD Level per AEC-Q200 25,000 V ESD Level
Dielectric Withstanding Voltage 125 VDC
Temperature Range -55/+125°C
Temperature 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 14.7059 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 5/18/2023 - da111503-37b0-426b-b2a0-a50977ed4286

© 2006 - 2023 KEMET

Generated 5/18/2023 - da111503-37b0-426b-b2a0-a50977ed4286

© 2006 - 2023 KEMET