

## C1206X331FBGAL7210

SMD Comm COG HV Flex, Ceramic, 330 pF, 1%, 630 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1206



Click here for the 3D model.

| Chip Size 1206    |  |
|-------------------|--|
| L 3.3mm +/-0.4mm  |  |
| W 1.6mm +/-0.35mm |  |
| T 1mm +/-0.20mm   |  |
| B 0.6mm +/-0.25mm |  |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 10000                    |
|                          |                          |

| General Informatio  | n   |
|---------------------|---|
| Series              | SMD Comm COG HV Flex  |
| Style               | SMD Chip  |
| Description         | SMD, MLCC, FT-CAP, Ultra-Stable   |
| Features            | FT-CAP, Ultra-Stable  |
| RoHS                | No  |
| Prop 65             | A WARNING: Cancer and reproductive harm -<br>http://www.p65warnings.ca.gov. |
| SCIP Number         | 724b81dc-0c36-4aa3-aabc-63f2cc6f8822  |
| Termination         | Flexible Termination With Lead (SnPb)                                       |
| Marking             | No  |
| AEC-Q200            | No  |
| Component<br>Weight | 25 mg   |
| Shelf Life          | 78 Weeks  |
| MSL                 | 1   |

| Specifications  |                              |
|---|------------------------------|
| Capacitance   | 330 pF                       |
| Measurement Condition   | 1 MHz 1.0Vrms                |
| Capacitance Tolerance   | 1%                           |
| Voltage DC  | 630 VDC                      |
| Dielectric Withstanding Voltage                                       | 945 VDC                      |
| Temperature Range   | -55/+125°C                   |
| Temperature Coefficient   | COG                          |
| Capacitance Change with Reference to<br>+25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz<br>1.0Vrms |
| Dissipation Factor  | 0.1% 1 MHz 1.0Vrms           |
| Aging Rate  | 0% Loss/Decade<br>Hour       |
| Insulation Resistance   | 100 GOhms                    |

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