

## C1210C224J3JACTU

Aliases (C1210C224J3JAC7800)

SMD Comm U2J, Ceramic, 0.22 uF, 5%, 25 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210, 1.5 mm



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

### General Information

|                          |                                            |
|--------------------------|--------------------------------------------|
| Series                   | SMD Comm U2J                               |
| Style                    | SMD Chip                                   |
| Description              | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features                 | Ultra-Stable, Low Loss, Class I            |
| RoHS                     | Yes                                        |
| Termination              | Tin                                        |
| Marking                  | No                                         |
| AEC-Q200                 | No                                         |
| Typical Component Weight | 40 mg                                      |
| Shelf Life               | 78 Weeks                                   |
| MSL                      | 1                                          |

### Specifications

|                                                                    |                                                   |
|--------------------------------------------------------------------|---------------------------------------------------|
| Capacitance                                                        | 0.22 uF                                           |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                     |
| Tolerance                                                          | 5%                                                |
| Voltage DC                                                         | 25 VDC                                            |
| Dielectric Withstanding Voltage                                    | 62.5 VDC                                          |
| Temperature Range                                                  | -55/+125°C                                        |
| Temp. Coefficient                                                  | U2J                                               |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | -750+/-120 ppm/C, 1kHz 1.0Vrms                    |
| Dissipation Factor                                                 | 0.1% 1 kHz 1.0Vrms                                |
| Aging Rate                                                         | 0.1% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance                                              | 4.5455 GOhms                                      |

### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 1210             |
| L         | 3.2mm +/-0.2mm   |
| W         | 2.5mm +/-0.2mm   |
| T         | 1.25mm +/-0.15mm |
| S         | 1.5mm MIN        |
| B         | 0.5mm +/-0.25mm  |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2500                     |

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