

## CDR33BX104AKUS

Aliases (C1210N104K5XSL, CDR33BX104AKZS, CDR33BX104AKWS)

SMD Mil PRF55681, Ceramic, 0.1 uF, 10%, 50 VDC, BX, Ceramic Chips, MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 1210



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

### General Information

|                         |  |
|-------------------------|--|
| Series                  | SMD Mil PRF55681   |
| Style                   | SMD Chip   |
| Description             | Ceramic Chips, MIL PRF 55681 Established Reliability   |
| RoHS                    | No   |
| Prop 65                 | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| Termination             | Lead (SnPb)  |
| Failure Rate            | S (0.001%/1000 Hrs)  |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| AEC-Q200                | No   |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1210            |
| L         | 3.2mm +/-0.25mm |
| W         | 2.5mm +/-0.25mm |
| T         | 1.5mm MAX       |
| B         | 0.5mm +/-0.25mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 25000     |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 0.1 uF     |
| Tolerance                       | 10%        |
| Voltage DC                      | 50 VDC     |
| Dielectric Withstanding Voltage | 125 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | BX         |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 100 GOhms  |

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