

## CDR34BX124AKUS

Aliases (C1812N124K5XSL, CDR34BX124AKZS, CDR34BX124AKWS)

SMD Mil PRF55681, Ceramic, 0.12 uF, 10%, 50 VDC, BP, Ceramic Chips, MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 1812



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1812            |
| L         | 2mm +/-0.2mm    |
| W         | 1.25mm +/-0.2mm |
| T         | 1.3mm MAX       |
| B         | 0.5mm +/-0.2mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1         |

### 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="http://www.p65warnings.ca.gov">http://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                                                                                                                            |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 0.12 uF    |
| Capacitance Tolerance           | 10%        |
| Voltage DC                      | 50 VDC     |
| Dielectric Withstanding Voltage | 125 VDC    |
| Temperature Range               | -55/+125°C |
| Temperature Coefficient         | BP         |
| Dissipation Factor              | 0.15%      |
| Insulation Resistance           | 100 GOhms  |