

## CDR31BX561BKUS-T&R

Aliases (C0805N561K1XSL7189, CDR31BX561BKZS-T&R, CDR31BX561BKWS-T&R)  
SMD Mil PRF55681, Ceramic, 560 pF, 10%, 100 VDC, BX, Ceramic Chips, MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 0805 / 2012



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> |
| SCIP Number             | db44bada-287e-465e-9a06-2b93bb6487ea                                                                                         |
| Termination             | Lead (SnPb)                                                                                                                  |
| Failure Rate            | S (0.001%/1000 Hrs)                                                                                                          |
| Testing and Reliability | MIL-PRF-55681                                                                                                                |
| Qualifications          | MIL-PRF-55681                                                                                                                |
| Shelf Life              | 78 Weeks                                                                                                                     |
| MSL                     | 1                                                                                                                            |

### Dimensions

|                      |                 |
|----------------------|-----------------|
| L                    | 2mm +/-0.20mm   |
| W                    | 1.25mm +/-0.2mm |
| T                    | 1.3mm MAX       |
| B                    | 0.5mm +/-0.20mm |
| Case Code (EIA / mm) | 0805 / 2012     |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 178mm, Plastic Tape |
| Packaging Quantity | 2500                     |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 560 pF     |
| Tolerance                       | 10%        |
| Voltage DC                      | 100 VDC    |
| Dielectric Withstanding Voltage | 250 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | BX         |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 100 GOhms  |

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