

## CDR31BP100BJSR

Aliases (C0805N100J1GRH, CDR31BP100BJWR)  
SMD Mil PRF55681, Ceramic, 10 pF, 5%, 100 VDC, BP, Ceramic Chips, MIL PRF 55681 Established Reliability, R (0.01%/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> |
| Termination             | Lead (SnPb)  |
| Failure Rate            | R (0.01%/1000 Hrs)   |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 10 pF      |
| Tolerance                       | 5%         |
| Voltage DC                      | 100 VDC    |
| Dielectric Withstanding Voltage | 250 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | BP         |
| Dissipation Factor              | 0.15%      |
| Insulation Resistance           | 100 GOhms  |

### 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          | Bulk, Bag |
| Packaging Quantity | 25000     |

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