

## CDR01BP101BKUR-T&R

Aliases (C0805P101K1GRL7189, CDR01BP101BKZR-T&R, CDR01BP101BKWR-T&R)

SMD Mil PRF55681, Ceramic, 100 pF, 10%, 100 VDC, BP, Ceramic Chips, MIL PRF 55681 Established Reliability, R (0.01%/1000 Hrs), 0805



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

### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 0805             |
| L         | 2.03mm +/-0.38mm |
| W         | 1.27mm +/-0.38mm |
| T         | 1.4mm MAX        |
| B         | 0.51mm +/-0.25mm |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 178mm, Plastic Tape |
| Packaging Quantity | 4000                     |

### 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> . |
| SCIP Number             | 1c00297e-7f97-4ed1-8a7f-4c4644e8ab84   |
| Termination             | Lead (SnPb)  |
| Failure Rate            | R (0.01%/1000 Hrs)   |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| AEC-Q200                | No   |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Specifications

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