

## CDR31BX471BKZS7246

Aliases (C0805N471K1XSL7246, C0805N471K1XSL7246, CDR31BX471BKZS-AntiStatic)

SMD Mil PRF55681, Ceramic, 470 pF, 10%, 100 VDC, BX, S (0.001%/1000 Hrs), 0805



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

### Dimensions

|           |  |
|-----------|--|
| Chip Size | 0805                                   |
| L         | 2mm +/-0.2mm (0.079 in +/-0.008 in)    |
| W         | 1.25mm +/-0.2mm (0.049 in +/-0.008 in) |
| T         | 1.3mm (0.051 in)                       |
| B         | 0.5mm +/-0.2mm (0.02 in +/-0.008 in)   |

### Packaging Specifications

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

### General Information

|                         |  |
|-------------------------|--|
| Series                  | SMD Mil PRF55681   |
| Style                   | SMD Chip   |
| 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   |
| Miscellaneous           | Termination Description: SolderPlate 70-30.  |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Specifications

|                         |            |
|-------------------------|------------|
| Capacitance             | 470 pF     |
| Capacitance Tolerance   | 10%        |
| Voltage DC              | 100 VDC    |
| Temperature Range       | -55/+125°C |
| Temperature Coefficient | BX         |

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