

KEMET Part Number: CDR31BP5R6BCSS-T&R
(C0805N569C1GSH7189)

SMD Mil PRF55681, Ceramic, Military/High Reliability, 5.6 pF, +/-0.25 pF, 100 VDC, BP, S (0.001%/1000 Hrs), 0805




Dimensions

| | |
|----------|---|
| L | 2mm +0.8/-0.2mm (0.079 in +0.031/-0.008 in) |
| W | 1.25mm +0.5/-0.2mm (0.049 in +0.02/-0.008 in) |
| T | 1.3mm +0.3mm (0.051 in +0.012 in) |
| B | 0.5mm +0.5/-0.2mm (0.02 in +0.02/-0.008 in) |

Packaging Specifications

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

General Information

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|---------------------------------|---|
| Supplier: | KEMET |
| Series: | SMD Mil PRF55681 |
| Style: | SMD Chip |
| RoHS: | No |
| Prop 65: |  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| Termination: | Lead (SnPb) |
| Failure Rate: | S (0.001%/1000 Hrs) |
| Testing and Reliability: | MIL-PRF-55681 |
| Qualifications: | MIL-PRF-55681 |
| Miscellaneous: | Termination Description: SolderCoat 60-40 |
| Chip Size: | 0805 |

Specifications

| | |
|---------------------------------|------------|
| Capacitance: | 5.6 pF |
| Capacitance Tolerance: | +/-0.25 pF |
| Voltage DC: | 100 VDC |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | BP |