

## M3253504BPC101KDTB

Aliases (C0805K101K2GTH)

SMD MIL BP PRF32535, Ceramic, 100 pF, 10%, 200 VDC, BP, SMD, Low ESR, MIL-PRF-32535, N/A, 0805



Click here for the 3D model.

| Dimensions | ,   |
|------------|---|
| Chip Size  | 0805  |
| L          | 2.01mm +0.81/-0.25mm (0.079 in +0.032/-0.01 in) |
| W          | 1.27mm +0.68/-0.25mm (0.05 in +0.027/-0.01 in)  |
| Т          | 1.57mm MAX (0.062 in MAX)                       |
| В          | 0.51mm +/-0.25mm (0.02 in +/-0.01 in)           |

| Packaging Specifications |        |  |  |
|--------------------------|--------|--|--|
| Packaging                | Waffle |  |  |
| Packaging Quantity       | 100    |  |  |

| General Information |  |  |
|---------------------|--|--|
| Series              | SMD MIL BP PRF32535  |  |
| Style               | SMD Chip   |  |
| Description         | SMD, Low ESR, MIL-PRF-32535  |  |
| RoHS                | No   |  |
| Prop 65             | ▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. |  |
| Termination         | Solder Dipped  |  |
| Failure Rate        | N/A  |  |
| Qualifications      | MIL-PRF-32535 T-Level  |  |
| AEC-Q200            | No   |  |
| Shelf Life          | 78 Weeks   |  |
| MSL                 | 1  |  |

| Specifications                  |                     |  |  |
|---------------------------------|---------------------|--|--|
| Capacitance                     | 100 pF              |  |  |
| Capacitance Tolerance           | 10%                 |  |  |
| Voltage DC                      | 200 VDC             |  |  |
| Dielectric Withstanding Voltage | 500 VDC             |  |  |
| Temperature Range               | -55/+125°C          |  |  |
| Temperature Coefficient         | BP                  |  |  |
| Dissipation Factor              | 0.15% 1 MHz 25C     |  |  |
| Aging Rate                      | 0% Loss/Decade Hour |  |  |
| Insulation Resistance           | 100 GOhms           |  |  |

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