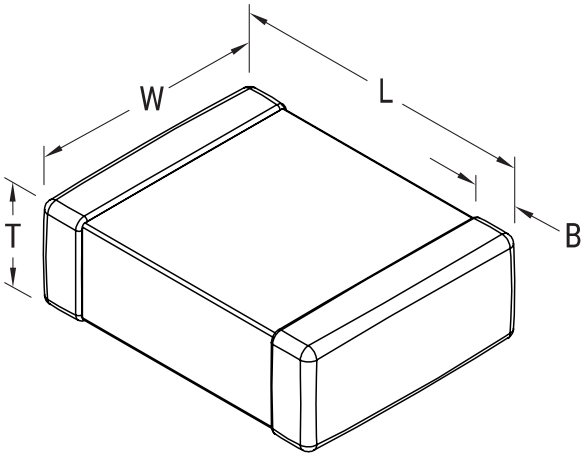
# M3253502BPB560FZTB

Aliases (C0402K560F1GTL)

SMD MIL BP PRF32535, Ceramic, 56 pF, 1%, 100 VDC, BP, SMD, Low ESR, MIL-PRF-32535, N/A, 0402 / 1005




Click here for the 3D model.

| 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 - https://www.p65warnings.ca.gov./ |
| Termination | Solder Plated |
| Failure Rate | N/A |
| Qualifications | MIL-PRF-32535 T-Level |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 1.02mm +0.15/-0.1mm |
| W | 0.51mm +0.13/-0.1mm |
| T | 0.64mm MAX |
| B | 0.1mm MIN |
| Case Code (EIA / mm) | 0402 / 1005 |

| Packaging Specifications | |
|---|---|
| Packaging | Waffle |
| Packaging Quantity | 368 |

| Specifications | |
|---|---|
| Capacitance | 56 pF |
| Tolerance | 1% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | BP |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MHz 1.0Vrms |
| Dissipation Factor | 0.15% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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