

## M3253506E1Z473JZMB

Aliases (C1210K473J3EML)

SMD MIL COG PRF32535, Ceramic, 0.047 uF, 5%, 25 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 1210



Click here for the 3D model.

| Dimensions |  |
|------------|--|
| Chip Size  | 1210   |
| L          | 3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in)  |
| W          | 2.49mm +0.3/-0.25mm (0.098 in +0.012/-0.01 in) |
| Т          | 2.79mm MAX (0.11 in MAX)                       |
| В          | 0.51mm +/-0.36mm (0.02 in +/-0.014 in)         |

| Packaging Specifications |        |  |  |
|--------------------------|--------|--|--|
| Packaging                | Waffle |  |  |
| Packaging Quantity       | 80     |  |  |

| General Information |  |  |  |
|---------------------|--|--|--|
| Series              | SMD MIL COG 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. |  |  |
| SCIP Number         | d66873f5-e54d-410c-a0cf-ebf6fcf635b5                                     |  |  |
| Termination         | Solder Plated  |  |  |
| Failure Rate        | N/A  |  |  |
| Qualifications      | MIL-PRF-32535 M-Level  |  |  |
| AEC-Q200            | No   |  |  |
| Shelf Life          | 78 Weeks   |  |  |
| MSL                 | 1  |  |  |

| Specifications                  |                     |  |  |  |
|---------------------------------|---------------------|--|--|--|
| Capacitance                     | 0.047 uF            |  |  |  |
| Capacitance Tolerance           | 5%                  |  |  |  |
| Voltage DC                      | 25 VDC              |  |  |  |
| Dielectric Withstanding Voltage | 62.5 VDC            |  |  |  |
| Temperature Range               | -55/+125°C          |  |  |  |
| Temperature Coefficient         | COG                 |  |  |  |
| Dissipation Factor              | 0.25% 1 MHz 25C     |  |  |  |
| Aging Rate                      | 0% Loss/Decade Hour |  |  |  |
| Insulation Resistance           | 21.28 GOhms         |  |  |  |

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