

M3253505E2A104KZTB

Aliases (C1206K104K5RTL)

SMD MIL X7R PRF32535, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 1206



Click here for the 3D model.

| Dimensions | |
|------------|---|
| Chip Size | 1206 |
| L | 3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in) |
| W | 1.6mm +0.3/-0.25mm (0.063 in +0.012/-0.01 in) |
| Т | 1.8mm MAX (0.071 in MAX) |
| В | 0.51mm +/-0.36mm (0.02 in +/-0.014 in) |

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

| General Information | |
|---------------------|--|
| Series | SMD MIL X7R PRF32535 |
| Style | SMD Chip |
| Description | SMD, Military, 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 |
| AEC-Q200 | No |
| Component Weight | 57 mg |

| Specifications | | | |
|---------------------------------|---------------------|--|--|
| Capacitance | 0.1 uF | | |
| Capacitance Tolerance | 10% | | |
| Voltage DC | 50 VDC | | |
| Dielectric Withstanding Voltage | 125 VDC | | |
| Temperature Range | -55/+125°C | | |
| Temperature Coefficient | X7R | | |
| Dissipation Factor | 2.5% 1 MHz 25C | | |
| Aging Rate | 3% Loss/Decade Hour | | |
| Insulation Resistance | 10 GOhms | | |

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