



Click [here](#) for the 3D model.

General Information

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|--------------------------|---|
| Series | T497 Space |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Aerospace, Medical |
| Features | Aerospace, Medical |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Tin Lead (SnPb) |
| AEC-Q200 | No |
| Typical Component Weight | 349.01 mg |
| Notes | Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S". |

Dimensions

| | |
|---|----------------------|
| L | 7.24mm +/-0.38mm |
| W | 3.81mm +/-0.38mm |
| H | 2.79mm +/-0.38mm |
| S | 1.27mm +0.25/-0.13mm |
| F | 3.68mm +0.13/-0.51mm |
| K | 1.52mm MIN |
| P | 0.76mm MIN |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

Specifications

| | |
|-------------------------|--------------------------------|
| Capacitance | 10 uF |
| Tolerance | 10% |
| Voltage DC | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| ESR | 0.9 Ohms (100kHz 25C) |
| Ripple Current | 548 mA (rms, 100kHz 25C) |
| Leakage Current | 4 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

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