

T497 Space, Tantalum, MnO2 Tantalum, Space, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 500 mOhms, 7238, Height Max = 3.17mm



| Dimensions |                      |
|------------|----------------------|
| Footprint  | 7238                 |
| 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 |            |
|--------------------------|------------|
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

| General Information |   |
|---------------------|---|
| Series:             | T497 Space  |
| Dielectric:         | MnO2 Tantalum   |
| Style:              | SMD Chip  |
| Description:        | SMD, MnO2, Molded, Aerospace, Medical   |
| Features:           | Aerospace, Medical  |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .                             |
| SCIP Number:        | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa  |
| Termination:        | Solder Coated   |
| AEC-Q200:           | No  |
| 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". |

| Specifications           |  |
|--------------------------|--|
| Capacitance:             | 4.7 uF   |
| Capacitance Tolerance:   | 10%  |
| Voltage DC:              | 50 VDC (85C), 33.5 VDC (125C)  |
| Temperature Range:       | -55/+125°C   |
| Rated Temperature:       | 85°C   |
| Dissipation Factor:      | 6% 120Hz 20C   |
| Failure Rate:            | C (0.01%/1000 Hrs)   |
| Resistance:              | 0.5 Ohms (100kHz 20C)  |
| Leakage Current:         | 3 uA (5min 20°C)   |
| Testing and Reliability: | 10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option B |

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