

T493 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 4 Ohms, 3216, Height Max = 1.8mm



| Dimensions |                 |
|------------|-----------------|
| Footprint  | 3216            |
| L          | 3.2mm +/-0.2mm  |
| W          | 1.6mm +/-0.2mm  |
| H          | 1.6mm +/-0.2mm  |
| T          | 0.13mm REF      |
| S          | 0.8mm +/-0.3mm  |
| F          | 1.2mm +/-0.1mm  |
| A          | 1.4mm MIN       |
| B          | 0.4mm +/-0.15mm |
| E          | 1.3mm REF       |
| G          | 1.1mm REF       |
| K          | 0.7mm MIN       |
| P          | 0.35mm MIN      |
| R          | 0.4mm REF       |
| X          | 0.1mm +/-0.1mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 2000       |

| General Information |   |
|---------------------|---|
| Series:             | T493 Space  |
| Dielectric:         | MnO2 Tantalum   |
| Style:              | SMD Chip  |
| Description:        | SMD, MnO2, Molded, Aerospace  |
| Features:           | Aerospace   |
| 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:        | 652b281f-d242-4453-bc44-0655d646cec3  |
| Termination:        | Hot Solder Dipped   |
| AEC-Q200:           | No  |
| Component Weight:   | 58.97 mg  |
| Notes:              | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). |

| Specifications           |                              |
|--------------------------|------------------------------|
| Capacitance:             | 10 uF                        |
| Capacitance Tolerance:   | 10%                          |
| Voltage DC:              | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range:       | -55/+125°C                   |
| Rated Temperature:       | 85°C                         |
| Dissipation Factor:      | 6% 120Hz 20C                 |
| Failure Rate:            | C (0.01%/1000 Hrs)           |
| Resistance:              | 4 Ohms (100kHz 20C)          |
| Leakage Current:         | 1 uA (5min 20°C)             |
| Testing and Reliability: | Standard Testing Only        |

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