

T495, Tantalum, MnO2 Tantalum, 68 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 250 mOhms, 6032, Height Max = 2.8mm



| General Information |                            |
|---------------------|----------------------------|
| Series:             | T495                       |
| Dielectric:         | MnO2 Tantalum              |
| Style:              | SMD Chip                   |
| Description:        | SMD, MnO2, Molded, Low ESR |
| Features:           | Low ESR                    |
| RoHS:               | Yes                        |
| Termination:        | Tin                        |
| AEC-Q200:           | No                         |
| Shelf Life:         | 156 Weeks                  |
| MSL:                | 1                          |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 6032            |
| L          | 6mm +/-0.3mm    |
| W          | 3.2mm +/-0.3mm  |
| H          | 2.5mm +/-0.3mm  |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.2mm +/-0.1mm  |
| A          | 2.9mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 2.4mm REF       |
| G          | 2.8mm REF       |
| P          | 0.9mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 68 uF  |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C)   |
| Temperature Range:     | -55/+125°C   |
| Rated Temperature:     | 85°C   |
| Dissipation Factor:    | 6% 120Hz 20C   |
| Failure Rate:          | N/A  |
| Resistance:            | 250 mOhms (100kHz)   |
| Ripple Current:        | 663 mA (rms, 100kHz 25C),<br>596.7 mA (rms, 85C), 265.2 mA (rms, 125C) |
| Leakage Current:       | 10.9 uA (5min 20°C)  |

| Packaging Specifications |            |
|--------------------------|------------|
| Weight:                  | 224.48 mg  |
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 500        |

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