

T495D686K006ATE180

T495, Tantalum, MnO2 Tantalum, 68 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, 180 mOhms, 7343, Height Max = 3.1mm

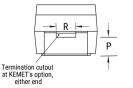
CATHODE (-) END VIEW

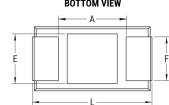


ANODE (+) END VIEW



SIDE VIEW





Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 2.8mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| А | 3.6mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |
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| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

| 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 |
| Component Weight | 446.84 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

| Specifications | |
|---------------------------|--|
| Capacitance | 68 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 180 mOhms (100kHz 25C) |
| Ripple Current | 913 mA (rms, 100kHz 25C), 821.7 mA (rms, 85C), 365.2 mA (rms, 125C) |
| Leakage Current | 4.3 uA (5min 25°C) |

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