

T495U476M010ATE400

T495, Tantalum, MnO2 Tantalum, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 400 mOhms, 6032, Height Max = 1.5mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

| Click here | for the | 3D m | odel |
|------------|---------|------|------|
|------------|---------|------|------|

| Dimensions | |
|------------|----------------|
| Footprint | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 1.4mm +/-0.1mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| Α | 2.9mm MIN |
| E | 2.4mm REF |
| G | 2.8mm REF |
| Х | 0.05mm REF |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 1000 |

| General Information | |
|---------------------|---|
| Series | T495 |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Low Profile, Low ESR |
| Features | Low ESR |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 70 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

| Specifications | |
|--------------------------|---|
| Capacitance | 47 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 400 mOhms (100kHz 25C) |
| Ripple Current | 474 mA (rms, 100kHz 25C), 426.6 mA (rms, 85C), 189.6 mA (rms, 125C) |
| Leakage Current | 4.7 uA (5min 25°C) |

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