

T489C476K010ATA540

T489 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 540 mOhms, 6032, 2.8 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

Dimensions

L

W

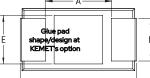
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т s

F

А

SIDE VIEW



6mm +/-0.3mm

3.2mm +/-0.3mm 2.5mm +/-0.3mm

1.3mm +/-0.3mm

2.2mm +/-0.1mm

0.13mm REF

3.1mm MIN

Click here for the 3D model.

| General Information | |
|--------------------------|---|
| Series | T489 Auto |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200 |
| Features | Low Leakage, Automotive |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 224.475 mg |

| Specifications | |
|--------------------|------------------------------|
| Capacitance | 47 uF |
| Tolerance | 10% |
| 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 |
| ESR | 540 mOhms (100kHz 25C) |
| Ripple Current | 451 mA (rms, 100kHz 25C) |
| Leakage Current | 3.5 uA (5min 25°C) |

| В | 0.5mm +/-0.15mm |
|------------------------------|--------------------|
| E | 2.4mm REF |
| G | 2.8mm REF |
| Р | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm REF |
| | |
| Pool or sing Crossifications | |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

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