

T489D476K016ATA200

T489 Auto, Tantalum, MnO₂ Tantalum, 47 uF, 10%, 16 VDC, SMD, MnO₂, Molded, Low Leakage, Auto, AEC-Q200, 200 mOhms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

Dimensions

| | |
|-----------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

Packaging Specifications

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

General Information

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|------------------|---|
| Series | T489 Auto |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Low Leakage, Auto, AEC-Q200 |
| Features | Low Leakage, Automotive |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 446.844 mg |

Specifications

| | |
|-----------------------|--------------------------------|
| Capacitance | 47 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 200 mOhms (100kHz 25C) |
| Ripple Current | 866 mA (rms, 100kHz 25C) |
| Leakage Current | 5.6 uA (5min 25°C) |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.