

T502D156M035AG6310

T502, Tantalum, MnO₂ Tantalum, High Temperature, 15 uF, 20%, 35 VDC, SMD, MnO₂, Un-Encapsulated, High Temperature, 230C, N/A, 700 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

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

General Information

| | |
|------------------|---|
| Series | T502 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Un-Encapsulated, High Temperature, 230C |
| Features | 230C |
| RoHS | Yes |
| Termination | Gold |
| AEC-Q200 | No |
| Component Weight | 292 mg |
| Shelf Life | 156 Weeks |
| MSL | 1 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 15 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (85C), 28.7 VDC (125C), 11.6 VDC (230C) |
| Temperature Range | -55/+230°C |
| Rated Temperature | 85°C |
| Humidity | 85C, 85% RH, 0 V, 500 Hours |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 0.7 Ohms (100kHz 25C) |
| Ripple Current | 460 mA (rms, 100kHz 45C) |
| Leakage Current | 5.25 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.

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