

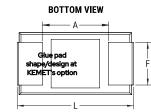
T598D157M016AHS065

T598, Tantalum, Polymer Tantalum, 150 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 65 mOhms, 7343, 3.1 mm, 1.3 mm

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



P



Click here for the 3D model.

| General Information | |
|--------------------------|---|
| Series | T598 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Low ESR, AEC-Q200 |
| Features | Automotive (Surge testing at 25C / 10 cycles) |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov / |
| SCIP Number | b064b03e-bd75-42af-b342-1fe 94dec2340 |
| Termination | Tin Lead (SnPb) |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 434.8 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Dimensions | |
|------------|--------------------|
| 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 |
| Α | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| Ρ | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm REF |

T&R, 178mm

500

Capacitance 150 uF Tolerance 20% 16 VDC (105C), 10.72 VDC (125C) Voltage DC Temperature Range -55/+125°C 105°C **Rated Temperature** Humidity 85C, 85% RH, load, 1000 Hours 10% 120Hz 25C **Dissipation Factor** Failure Rate N/A ESR 65 mOhms (100kHz 25C) 2630 mA (rms, 100kHz 45C), 1841 mA (rms, 105C), 657.5 mA (rms, 125C) **Ripple Current** Leakage Current 240 uA (5min 25°C)

Packaging Specifications Packaging **Packaging Quantity**

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.

Specifications