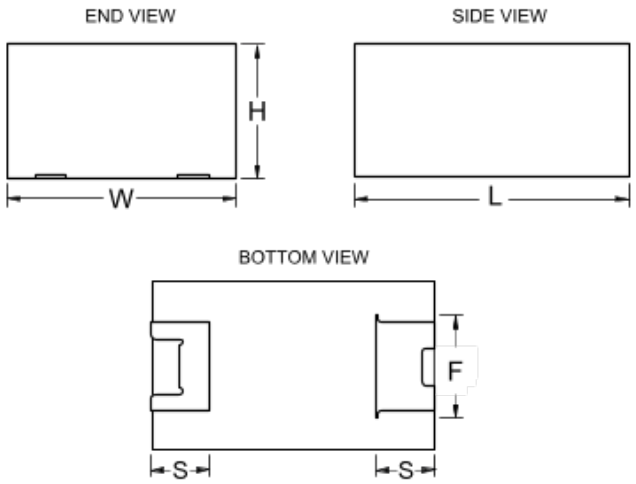
# T523V686M035APE070

T523, Tantalum, Polymer Tantalum, Reduced Volume, 68 uF, 20%, 35 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7343, Height Max = 2mm




Click here for the 3D model.

| Dimensions | |
|---|---|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 1.9mm +/-0.1mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

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

| General Information | |
|---|---|
| Series | T523 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Face Down Terminals |
| Features | Face Down |
| RoHS | Yes |
| Termination | Nickel Palladium Gold |
| AEC-Q200 | No |
| Component Weight | 274.3 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Specifications | |
|---|---|
| Capacitance | 68 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs (105C) |
| Humidity | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor | 10% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 70 mOhms (100kHz 25C) |
| Ripple Current | 2420 mA (rms, 100kHz 45C), 1694 mA (rms, 85C), 605 mA (rms, 105C) |
| Leakage Current | 238 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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