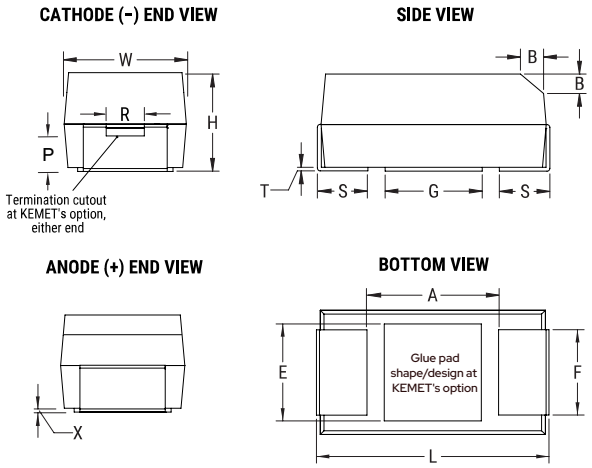
# T543B686M006ATW080

T543 HRA, Polymer, Polymer Tantalum, HRA, 68 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Up Screening, N/A, 80 mOhms, 2.1 mm, 1411 / 3528




Click here for the 3D model.

| General Information | |
|---|---|
| Series | T543 HRA |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Up Screening |
| Features | Non-Combustible, Low ESR, High Reliability |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 98.3 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Dimensions | |
|---|---|
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| P | 0.5mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm REF |

| Specifications | |
|---|---|
| Capacitance | 68 uF |
| Tolerance | 20% |
| Voltage DC | 6.3 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Humidity | 60C, 90% RH, 500 Hours |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 80 mOhms (100kHz) |
| Ripple Current | 1260 mA (rms, 100kHz 45C) |
| Leakage Current | 42.8 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 178mm |
| Packaging Quantity | 2000 |

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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