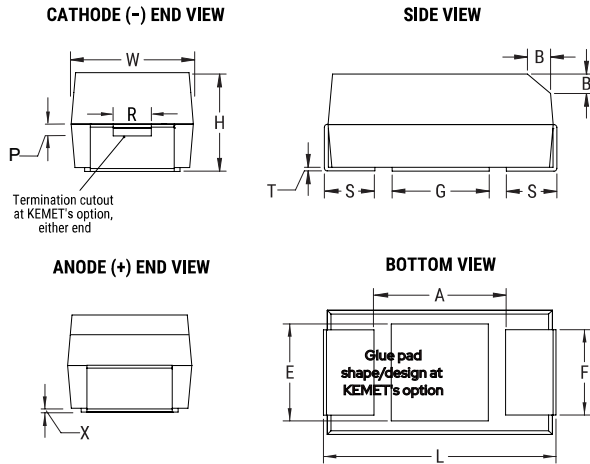


## T543X107K025ATW060

T543 HRA, Tantalum, Polymer Tantalum, HRA, 100 uF, 10%, 25 VDC, SMD, Polymer, Molded, Up Screening, N/A, 60 mOhms, 7343, 4.3 mm, 1.3 mm



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                                        |
| AEC-Q200                 | No                                         |
| Typical Component Weight | 588.16 mg                                  |
| Shelf Life               | 52 Weeks                                   |
| MSL                      | 3                                          |

### Specifications

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Capacitance             | 100 uF                                           |
| Tolerance               | 10%                                              |
| Voltage DC              | 25 VDC (105C), 16.75 VDC (125C)                  |
| Temperature Range       | -55/+125°C                                       |
| Rated Temperature       | 105°C                                            |
| Humidity                | 60C, 90% RH, 500 Hours                           |
| Dissipation Factor      | 10% 120Hz 25C                                    |
| Failure Rate            | N/A                                              |
| ESR                     | 60 mOhms (100kHz)                                |
| Ripple Current          | 2029 mA (rms, 100kHz 45C)                        |
| Leakage Current         | 250 uA (5min 25°C)                               |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C |

### Dimensions

|   |                    |
|---|--------------------|
| L | 7.3mm +/-0.3mm     |
| W | 4.3mm +/-0.3mm     |
| H | 4mm +/-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 | 1.7mm REF          |
| R | 1mm REF            |
| X | 0.1mm +/-0.1mm REF |

### Packaging Specifications

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

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