

T513E107K025BC6310

T513 HRA, Tantalum, MnO2 Tantalum, HRA Multi-Anode, 100 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, MAT High Reliability, B (0.1%/1000 Hrs), 50 mOhms, 7360, 3.8 mm, 1.3 mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|--|
| Series | T513 HRA |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, Military Equivalent, MAT High Reliability |
| Features | Low ESR |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | ff0ac6de-04a5-49fb-9ad1-557da7f701ca |
| Termination | Hot Solder Dipped |
| AEC-Q200 | No |
| Typical Component Weight | 500.73 mg |

Dimensions

| | |
|---|--------------------|
| L | 7.3mm +/-0.3mm |
| W | 6mm +/-0.3mm |
| H | 3.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 4.1mm +/-0.1mm |
| A | 3.8mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| X | 0.1mm +/-0.1mm REF |

Packaging Specifications

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

Specifications

| | |
|-------------------------|--|
| Capacitance | 100 uF |
| Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | B (0.1%/1000 Hrs) |
| ESR | 50 mOhms (100kHz 25C) |
| Ripple Current | 2000 mA (rms, 100kHz 25C) |
| Leakage Current | 25 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C After Weibull |

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