

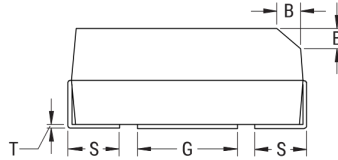
T513X226M035CC6310

T513 HRA, Tantalum, MnO₂ Tantalum, HRA Multi-Anode, 22 uF, 20%, 35 VDC, SMD, MnO₂, Molded, Military Equivalent, MAT High Reliability, C (0.01%/1000 Hrs), 100 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW



SIDE VIEW

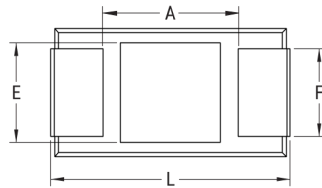


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



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

General Information

| | |
|------------------|--|
| Series | T513 HRA |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Military Equivalent, MAT High Reliability |
| Features | Low ESR |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| SCIP Number | ff0ac6de-04a5-49fb-9ad1-557da7f701ca |
| Termination | Hot Solder Dipped |
| AEC-Q200 | No |
| Component Weight | 430.15 mg |

Specifications

| | |
|-------------------------|--|
| Capacitance | 22 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| Resistance | 100 mOhms (100kHz 25C) |
| Ripple Current | 1290 mA (rms, 100kHz 25C) |
| Leakage Current | 7.7 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C After Weibull |

Dimensions

| | |
|-----------|-----------------|
| Footprint | 7343 |
| 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 |

Packaging Specifications

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

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