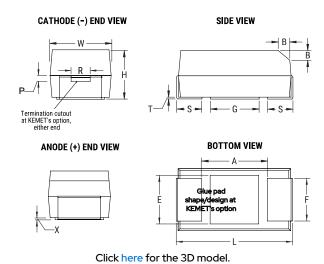


## T493D157M010BH6130

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 150 uF, 20%, 10 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 80 mOhms, 7343, 3.1 mm, 1.3 mm



| General Information      |  |
|--------------------------|--|
| Series                   | T493 HRA   |
| Dielectric               | MnO2 Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO2, Molded, High<br>Reliability   |
| Features                 | High Reliability   |
| RoHS                     | No   |
| Prop 65                  | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /   |
| SCIP Number              | 1dd2e1b8-26dd-4d52-927c-6f9<br>d519011aa   |
| Termination              | Tin Lead (SnPb)  |
| AEC-Q200                 | No   |
| Typical Component Weight | 412.33 mg  |
| Notes                    | P and R dimensions represents<br>the minimum solderable area of<br>the termination surface entirely<br>below cutout (if one is present). |

| Dimensions |                    |
|------------|--------------------|
| L          | 7.3mm +/-0.3mm     |
| W          | 4.3mm +/-0.3mm     |
| Н          | 2.8mm +/-0.3mm     |
| Т          | 0.13mm REF         |
| S          | 1.3mm +/-0.3mm     |
| F          | 2.4mm +/-0.1mm     |
| A          | 3.8mm MIN          |
| В          | 0.5mm +/-0.15mm    |
| E          | 3.5mm REF          |
| G          | 3.5mm REF          |
| Р          | 0.5mm MIN          |
| R          | 1mm REF            |
| Х          | 0.1mm +/-0.1mm REF |

| Specifications          |                              |
|-------------------------|------------------------------|
| Capacitance             | 150 uF                       |
| Tolerance               | 20%                          |
| Voltage DC              | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range       | -55/+125°C                   |
| Rated Temperature       | 85°C                         |
| Dissipation Factor      | 8% 120Hz 25C                 |
| Failure Rate            | B (0.1%/1000 Hrs)            |
| ESR                     | 0.08 Ohms (100kHz 25C)       |
| Ripple Current          | 1369 mA (rms, 100kHz 25C)    |
| Leakage Current         | 15 uA (5min 25°C)            |
| Testing and Reliability | Standard Testing Only        |

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

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