

T493D225K050BH6410

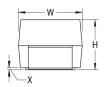
T493 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 50 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 2.5 Ohms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW

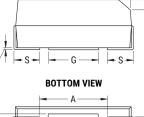


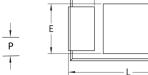
B

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ANODE (+) END VIEW





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R

Termination cutout at KEMET's option, either end

Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| 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 |
| А | 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 |
| | |

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

| General Information | | |
|---------------------|---|--|
| Series | T493 HRA | |
| Dielectric | MnO2 Tantalum | |
| Style | SMD Chip | |
| Description | SMD, MnO2, Molded, High Reliability | |
| Features | High Reliability | |
| RoHS | No | |
| Prop 65 | A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. | |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa | |
| Termination | Solder Coated | |
| AEC-Q200 | No | |
| Component Weight | 412.33 mg | |
| Notes | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). | |

| Specifications | |
|----------------------------|--|
| Capacitance | 2.2 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | B (0.1%/1000 Hrs) |
| Resistance | 2.5 Ohms (100kHz 25C) |
| Ripple Current | 245 mA (rms, 100kHz 25C) |
| Leakage Current | 1.1 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C Before Weibull |

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