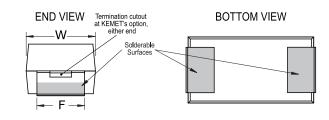
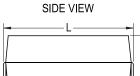


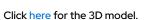
## T493B106K020CH6410

Aliases (DLA Drawing 07016-092KCHC) T493 HRA, Tantalum, MnO2 Tantalum, HRA, 10 uF, 10%, 20 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 3 Ohms, 3528, 2.1 mm, 0.8 mm





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| General Information      |   |
|--------------------------|---|
| Series                   | T493 HRA  |
| Dielectric               | MnO2 Tantalum   |
| Style                    | SMD Chip  |
| Description              | SMD, MnO2, Molded, DLA<br>Drawing   |
| RoHS                     | No  |
| Prop 65                  | WARNING: Cancer and<br>reproductive harm -<br>https://www.p65warnings.ca.gov<br>/ |
| SCIP Number              | 1dd2e1b8-26dd-4d52-927c-6f9<br>d519011aa  |
| Termination              | Tin Lead (SnPb)   |
| AEC-Q200                 | No  |
| Typical Component Weight | 102.3 mg  |

| Dimensions |                |
|------------|----------------|
| L          | 3.5mm +/-0.2mm |
| W          | 2.8mm +/-0.2mm |
| н          | 1.9mm +/-0.2mm |
| S          | 0.8mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 2000       |

| Specifications          |   |
|-------------------------|---|
| Capacitance             | 10 uF   |
| Tolerance               | 10%   |
| Voltage DC              | 20 VDC (85C), 13.4 VDC (125C)   |
| Temperature Range       | -55/+125°C  |
| Rated Temperature       | 85°C  |
| Dissipation Factor      | 6% 120Hz 25C  |
| Failure Rate            | C (0.01%/1000 Hrs)  |
| ESR                     | 3 Ohms (100kHz 25C)   |
| Ripple Current          | 292 mA (rms, 100kHz 25C)  |
| Leakage Current         | 2 uA (5min 25°C)  |
| Testing and Reliability | 10 Cycles Surge Current Testing<br>At -55C And +85C Before<br>Weibull |

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