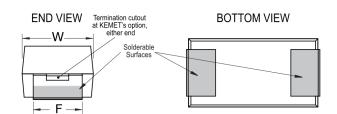


## T493B475K025BH6410

Aliases (DLA Drawing 07016-118KBHC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 4.7 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 1.5 Ohms, 3528, Height Max = 2.1mm





Click here for the 3D model.

| Dimensions | ,              |
|------------|----------------|
| Footprint  | 3528           |
| 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       |

| General Information |   |  |
|---------------------|---|--|
| Series              | T493 HRA  |  |
| Dielectric          | MnO2 Tantalum   |  |
| Style               | SMD Chip  |  |
| Description         | SMD, MnO2, Molded, DLA Drawing  |  |
| RoHS                | No  |  |
| Prop 65             | ▲ WARNING: Cancer and reproductive harm -<br>http://www.p65warnings.ca.gov. |  |
| SCIP Number         | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa  |  |
| Termination         | Solder Coated   |  |
| AEC-Q200            | No  |  |
| Component<br>Weight | 102.3 mg  |  |

| Specifications             | ,   |
|----------------------------|---|
| Capacitance                | 4.7 uF  |
| Capacitance<br>Tolerance   | 10%   |
| Voltage DC                 | 25 VDC (85C), 16.75 VDC (125C)                                  |
| Temperature<br>Range       | -55/+125°C  |
| Rated<br>Temperature       | 85°C  |
| Dissipation Factor         | 6% 120Hz 25C  |
| Failure Rate               | B (0.1%/1000 Hrs)   |
| Resistance                 | 1.5 Ohms (100kHz 25C)   |
| Ripple Current             | 174 mA (rms, 100kHz 25C)  |
| Leakage Current            | 1.7 uA (5min 25°C)  |
| Testing and<br>Reliability | 10 Cycles Surge Current Testing At -55C And +85C Before Weibull |

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