

## T493C686K010BC6420

Aliases (DLA Drawing 07016-042KBCC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 68 uF, 10%, 10 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 300 mOhms, 2.8 mm, 2312 / 6032



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | T493 HRA   |
| Dielectric               | MnO2 Tantalum  |
| Style                    | SMD Chip   |
| Description              | SMD, MnO2, Molded, DLA Drawing   |
| RoHS                     | No   |
| Prop 65                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number              | 652b281f-d242-4453-bc44-0655d646cec3   |
| Termination              | Hot Solder Dipped  |
| Typical Component Weight | 224.2 mg   |

### Dimensions

|   |                |
|---|----------------|
| L | 6mm +/-0.3mm   |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |

### Packaging Specifications

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

### Specifications

|                         |   |
|-------------------------|---|
| Capacitance             | 68 uF   |
| Tolerance               | 10%   |
| 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                     | 0.3 Ohms (100kHz 25C)   |
| Ripple Current          | 606 mA (rms, 100kHz 25C)  |
| Leakage Current         | 6.8 uA (5min 25°C)  |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C Before Weibull |

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