

T493A105K025BH6110

Aliases (DLA Drawing 07016-109KBHZ)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 1 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 8 Ohms, 3216, 1.8 mm, 0.8 mm



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 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Tin Lead (SnPb) |
| AEC-Q200 | No |
| Typical Component Weight | 58.97 mg |

Specifications

| | |
|-------------------------|--------------------------------|
| Capacitance | 1 uF |
| Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% 120Hz 25C |
| Failure Rate | B (0.1%/1000 Hrs) |
| ESR | 8 Ohms (100kHz 25C) |
| Ripple Current | 97 mA (rms, 100kHz 25C) |
| Leakage Current | 0.5 uA (5min 25°C) |
| Testing and Reliability | Standard Testing Only |

Dimensions

| | |
|---|----------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| S | 0.8mm +/-0.3mm |
| F | 1.2mm +/-0.1mm |

Packaging Specifications

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

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