

T493C106K025BH6210

Aliases (DLA Drawing 07016-121KBHA)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 10 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 1.5 Ohms, 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 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Tin Lead (SnPb) |
| 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

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

Specifications

| | |
|-------------------------|---|
| Capacitance | 10 uF |
| Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/ +125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | B (0.1%/1000 Hrs) |
| ESR | 1.5 Ohms (100kHz 25C) |
| Ripple Current | 469 mA (rms, 100kHz 25C) |
| Leakage Current | 2.5 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At +25C +/-5C After Weibull |

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