

T493D107K016CB6420

Aliases (DLA Drawing 07016-080KCBC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 125 mOhms, 3.1 mm, 2817 / 7343



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

General Information

| | |
|--------------------------|--------------------------------|
| Series | T493 HRA |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Molded, DLA Drawing |
| RoHS | Yes |
| Termination | Gold |
| Typical Component Weight | 412.33 mg |

Dimensions

| | |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

Packaging Specifications

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

Specifications

| | |
|-------------------------|---|
| Capacitance | 100 uF |
| Tolerance | 10% |
| Voltage DC | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| ESR | 0.125 Ohms (100kHz 25C) |
| Ripple Current | 1095 mA (rms, 100kHz 25C) |
| Leakage Current | 16 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C Before Weibull |

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