

T493C476K006CH6220

Aliases (DLA Drawing 07016-014KCHA)

T493 HRA, Tantalum, MnO₂ Tantalum, HRA, 47 uF, 10%, 6.3 VDC, SMD, MnO₂, Molded, DLA Drawing, C (0.01%/1000 Hrs), 250 mOhms, 6032, Height Max = 2.8mm



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

| Dimensions | |
|------------|----------------|
| Footprint | 6032 |
| 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 |

| General Information | |
|---------------------|--|
| Series | T493 HRA |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, DLA Drawing |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov |
| SCIP Number | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa |
| Termination | Solder Coated |
| AEC-Q200 | No |
| Component Weight | 224.2 mg |

| Specifications | |
|-------------------------|---|
| Capacitance | 47 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| Resistance | 0.25 Ohms (100kHz 25C) |
| Ripple Current | 606 mA (rms, 100kHz 25C) |
| Leakage Current | 3 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At +25C After Weibull |

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