

T493C106K025CH6210

Aliases (DLA Drawing 07016-121KCHA)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 10 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 1.5 Ohms, 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 | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, 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 | 10 uF |
| Capacitance 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 | C (0.01%/1000 Hrs) |
| Resistance | 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 After Weibull |