

T495A475K016AHA2K0

T495 Auto, Tantalum, MnO₂ Tantalum, Commercial Grade, 4.7 uF, 10%, 16 VDC, SMD, MnO₂, Molded, Low ESR, Auto, AEC-Q200, 2 Ohms, 3216, 1.8 mm, 0.8 mm



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

General Information

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|--------------------------|--|
| Series | T495 Auto |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Low ESR, Auto, AEC-Q200 |
| Features | Low ESR, Automotive |
| 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) |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 58.6 mg |

Dimensions

| | |
|---|--------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.2/-0.3mm |
| F | 1.2mm +/-0.1mm |
| A | 1.2mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 1.3mm REF |
| G | 1.1mm REF |
| P | 0.4mm REF |
| R | 0.4mm REF |
| X | 0.1mm +/-0.1mm REF |

Packaging Specifications

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

Specifications

| | |
|--------------------|--|
| Capacitance | 4.7 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 | N/A |
| ESR | 2000 mOhms (100kHz 25C) |
| Ripple Current | 194 mA (rms, 100kHz 25C), 174.6 mA (rms, 85C), 77.6 mA (rms, 125C) |
| Leakage Current | 0.8 uA (5min 25°C) |

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