

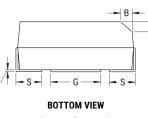
## T494B475M016AH

T494, Tantalum, MnO2 Tantalum, 4.7 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 1.5 Ohms, 3528, Height Max = 2.1mm

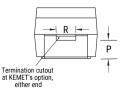
CATHODE (-) END VIEW

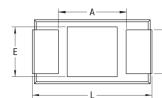


ANODE (+) END VIEW



SIDE VIEW





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| Click | here | for | the | ЗD                       | model. |
|-------|------|-----|-----|--------------------------|--------|
|       | nere | 101 | uie | $\mathcal{D}\mathcal{D}$ | model. |

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| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3528              |
| L          | 3.5mm +/-0.2mm    |
| W          | 2.8mm +/-0.2mm    |
| Н          | 1.9mm +/-0.2mm    |
| т          | 0.13mm REF        |
| S          | 0.8mm +0.1/-0.3mm |
| F          | 2.2mm +/-0.1mm    |
| А          | 1.9mm MIN         |
| В          | 0.4mm +/-0.15mm   |
| E          | 2.2mm REF         |
| G          | 1.8mm REF         |
| Р          | 0.5mm REF         |
| R          | 1mm REF           |
| Х          | 0.1mm +/-0.1mm    |
|            |                   |

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

| General Information | 1  |
|---------------------|--|
| Series              | T494   |
| Dielectric          | MnO2 Tantalum  |
| Style               | SMD Chip   |
| Description         | SMD, MnO2, Molded, Low ESR   |
| Features            | Low ESR  |
| RoHS                | No   |
| Prop 65             | A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. |
| SCIP Number         | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa                                     |
| Termination         | Solder Coated  |
| AEC-Q200            | No   |
| Component<br>Weight | 107.45 mg  |
| Shelf Life          | 156 Weeks  |
| MSL                 | 1  |

| Specifications            |   |
|---------------------------|---|
| Capacitance               | 4.7 uF  |
| Capacitance<br>Tolerance  | 20%   |
| Voltage DC                | 16 VDC (85C), 10.72 VDC (125C)  |
| Temperature<br>Range      | -55/+125°C  |
| Rated<br>Temperature      | 85°C  |
| <b>Dissipation Factor</b> | 6% 120Hz 25C  |
| Failure Rate              | N/A   |
| Resistance                | 1.5 Ohms (100kHz 25C)   |
| Ripple Current            | 238 mA (rms, 100kHz 25C), 214.2 mA (rms,<br>85C), 95.2 mA (rms, 125C) |
| Leakage Current           | 0.8 uA (5min 25°C)  |

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