

## T495A225M016ATA6K5

**General Information** 

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 2.2 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 6.5 Ohms, 3216, 1.8 mm, 0.8 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

Dimensions

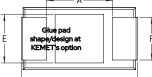
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SIDE VIEW



3.2mm +/-0.2mm

1.6mm +/-0.2mm 1.6mm +/-0.2mm

0.8mm +0.2/-0.3mm

0.13mm REF

Click here for the 3D model.

| Series                   | T495 Auto                                     |
|--------------------------|---|
| Dielectric               | MnO2 Tantalum                                 |
| Style                    | SMD Chip                                      |
| Description              | SMD, MnO2, Molded, Low ESR,<br>Auto, AEC-Q200 |
| Features                 | Low ESR, Automotive                           |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Qualifications           | AEC-Q200                                      |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 58.6 mg                                       |

| Specifications     |   |
|--------------------|---|
| Capacitance        | 2.2 uF  |
| Tolerance          | 20%   |
| 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                | 6500 mOhms (100kHz 25C)   |
| Ripple Current     | 107 mA (rms, 100kHz 25C), 96.3<br>mA (rms, 85C), 42.8 mA (rms,<br>125C) |
| Leakage Current    | 0.5 uA (5min 25°C)  |

| F | 1.2mm +/-0.1mm     |
|---|--------------------|
| A | 1.2mm MIN          |
| В | 0.4mm +/-0.15mm    |
| E | 1.3mm REF          |
| G | 1.1mm REF          |
| Р | 0.4mm REF          |
| R | 0.4mm REF          |
| Х | 0.1mm +/-0.1mm REF |
|   |                    |

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

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