

## T495X476K020ATA100

T495 Auto, Tantalum, MnO<sub>2</sub> Tantalum, Commercial Grade, 47 uF, 10%, 20 VDC, SMD, MnO<sub>2</sub>, Molded, Low ESR, Auto, AEC-Q200, 100 mOhms, 7343, 4.3 mm, 1.3 mm



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### General Information

|                          |   |
|--------------------------|---|
| Series                   | T495 Auto   |
| Dielectric               | MnO <sub>2</sub> Tantalum                               |
| Style                    | SMD Chip  |
| Description              | SMD, MnO <sub>2</sub> , Molded, Low ESR, Auto, AEC-Q200 |
| Features                 | Low ESR, Automotive                                     |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 652.04 mg   |

### Dimensions

|   |                    |
|---|--------------------|
| L | 7.3mm +/-0.3mm     |
| W | 4.3mm +/-0.3mm     |
| H | 4mm +/-0.3mm       |
| T | 0.13mm REF         |
| S | 1.3mm +/-0.3mm     |
| F | 2.4mm +/-0.1mm     |
| A | 3.6mm MIN          |
| B | 0.5mm +/-0.15mm    |
| E | 3.5mm REF          |
| G | 3.5mm REF          |
| P | 1.7mm REF          |
| R | 1mm REF            |
| X | 0.1mm +/-0.1mm REF |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 500        |

### Specifications

|                    |   |
|--------------------|---|
| Capacitance        | 47 uF   |
| Tolerance          | 10%   |
| Voltage DC         | 20 VDC (85C), 13.4 VDC (125C)                                       |
| Temperature Range  | -55/+125°C  |
| Rated Temperature  | 85°C  |
| Dissipation Factor | 4% 120Hz 25C  |
| Failure Rate       | N/A   |
| ESR                | 100 mOhms (100kHz 25C)  |
| Ripple Current     | 1285 mA (rms, 100kHz 25C), 1156.5 mA (rms, 85C), 514 mA (rms, 125C) |
| Leakage Current    | 9.4 uA (5min 25°C)  |

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