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**General Information**

|                          |  |
|--------------------------|--|
| Series                   | T495 Auto                                  |
| Dielectric               | MnO2 Tantalum                              |
| Style                    | SMD Chip                                   |
| Description              | SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200 |
| Features                 | Low ESR, Automotive                        |
| RoHS                     | Yes  |
| Termination              | Tin  |
| Qualifications           | AEC-Q200                                   |
| 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 |

| Specifications     |   |
|--------------------|---|
| Capacitance        | 47 uF   |
| Tolerance          | 10%   |
| Voltage DC         | 35 VDC (85C), 23.45 VDC (125C)                                      |
| Temperature Range  | -55/+125°C  |
| Rated Temperature  | 85°C  |
| Dissipation Factor | 8% 120Hz 25C  |
| Failure Rate       | N/A   |
| ESR                | 300 mOhms (100kHz 25C)  |
| Ripple Current     | 742 mA (rms, 100kHz 25C), 667.8 mA (rms, 85C), 296.8 mA (rms, 125C) |
| Leakage Current    | 16.5 uA (5min 25°C)   |

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

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