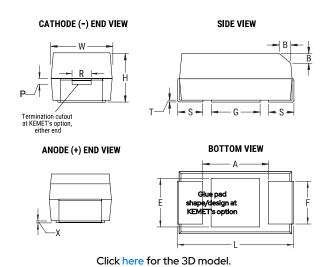


## T495A335K010ATA5K5

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 3.3 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 5.5 Ohms, 3216, 1.8 mm, 0.8 mm



| General Information      |   |
|--------------------------|---|
| 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                                       |

| Dimensions |                    |
|------------|--------------------|
| L          | 3.2mm +/-0.2mm     |
| W          | 1.6mm +/-0.2mm     |
| Н          | 1.6mm +/-0.2mm     |
| Т          | 0.13mm REF         |
| S          | 0.8mm +0.2/-0.3mm  |
| F          | 1.2mm +/-0.1mm     |
| Α          | 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 |

| Specifications     |  |
|--------------------|--|
| Capacitance        | 3.3 uF   |
| Tolerance          | 10%  |
| Voltage DC         | 10 VDC (85C), 6.7 VDC (125C)   |
| Temperature Range  | -55/+125°C   |
| Rated Temperature  | 85°C   |
| Dissipation Factor | 6% 120Hz 25C   |
| Failure Rate       | N/A  |
| ESR                | 5500 mOhms (100kHz 25C)  |
| Ripple Current     | 117 mA (rms, 100kHz 25C), 105.3<br>mA (rms, 85C), 46.8 mA (rms,<br>125C) |
| Leakage Current    | 0.5 uA (5min 25°C)   |

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

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