

## B45196L2225K109

Aliases (T495A225K010ZTA7K0)

Obsolete

B45196L, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 10 VDC, SMD, Molded, Automotive, 7 Ohms, 3216, Height Max = 1.8mm



### General Information

|                |                         |
|----------------|-------------------------|
| Series         | B45196L                 |
| Dielectric     | MnO2 Tantalum           |
| Style          | SMD Chip                |
| Description    | SMD, Molded, Automotive |
| Features       | Automotive              |
| RoHS           | Yes                     |
| Termination    | Tin                     |
| Qualifications | AEC-Q200                |
| AEC-Q200       | Yes                     |
| Miscellaneous  | AEC-Q200.               |
| Notes          | Obsolete.               |

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 3216           |
| L         | 3.2mm +/-0.2mm |
| W         | 1.6mm +/-0.2mm |
| H         | 1.6mm +/-0.2mm |
| S         | 0.8mm +/-0.3mm |
| F         | 1.2mm +/-0.1mm |
| K         | 1.3mm TYP      |

### Packaging Specifications

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

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 2.2 uF  |
| Capacitance Tolerance | 10%   |
| Voltage DC            | 10 VDC (85C), 6.7 VDC (125C)                          |
| Temperature Range     | -55/+125°C  |
| Rated Temperature     | 85°C  |
| Dissipation Factor    | 6%  |
| Failure Rate          | N/A   |
| Resistance            | 7 Ohms (100kHz)                                       |
| Ripple Current        | 91.3 mAmps (25C), 82.2 mAmps (85C), 36.5 mAmps (125C) |
| Leakage Current       | 0.5 uA  |