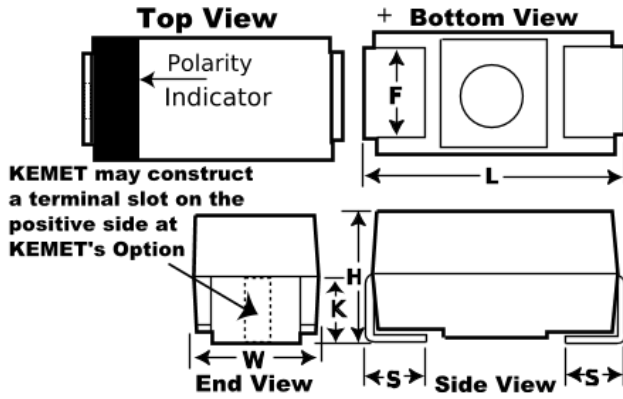


## B45198L6225M209

Aliases (T495B225M035ZGA4K0)

Obsolete

Tantalum, MnO<sub>2</sub> Tantalum, 2.2 uF, 20%, 35 VDC, SMD, Molded, Automotive, 4 Ohms, 3528, 2.1mm



### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 3528           |
| L         | 3.5mm +/-0.2mm |
| W         | 2.8mm +/-0.2mm |
| H         | 1.9mm +/-0.2mm |
| S         | 0.7mm +/-0.3mm |
| F         | 2.2mm +/-0.1mm |
| K         | 1.4mm TYP      |

### Packaging Specifications

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

### General Information

|                |                           |
|----------------|---------------------------|
| Dielectric     | MnO <sub>2</sub> Tantalum |
| Style          | SMD Chip                  |
| Description    | SMD, Molded, Automotive   |
| Features       | Automotive                |
| RoHS           | Yes                       |
| Termination    | Gold                      |
| Qualifications | AEC-Q200                  |
| AEC-Q200       | Yes                       |
| Miscellaneous  | AEC-Q200.                 |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 2.2 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 35 VDC (85C), 23.45 VDC (125C)                        |
| Temperature Range     | -55/+125°C  |
| Rated Temperature     | 85°C  |
| Dissipation Factor    | 6%  |
| Failure Rate          | N/A   |
| ESR                   | 4 Ohms (100kHz)                                       |
| Ripple Current        | 97.2 mAmps (25C), 87.5 mAmps (85C), 38.9 mAmps (125C) |
| Leakage Current       | 0.8 uA  |