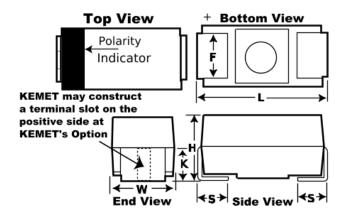


## B45196L2475K109

Aliases (T495A475K010ZTA4K5)

## Obsolete

B45196L, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 10 VDC, SMD, Molded, Automotive, 4.5 Ohms, 3216, Height Max = 1.8mm



| Dimensions |                |  |
|------------|----------------|--|
| Footprint  | 3216           |  |
| L          | 3.2mm +/-0.2mm |  |
| W          | 1.6mm +/-0.2mm |  |
| Н          | 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       |

| 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.               |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 4.7 uF  |
| Capacitance<br>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               | 4.5 Ohms (100kHz)                                     |
| Ripple Current           | 91.3 mAmps (25C), 82.2 mAmps (85C), 36.5 mAmps (125C) |
| Leakage Current          | 0.5 uA  |

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