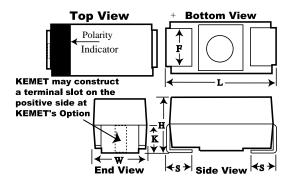
## KEMET Part Number: B45196L1107K309 Obsolete

(T495C107K006ZTA1K2)



B45196L, Tantalum, MnO2 Tantalum, 100 uF, 10%, 6.3 V, SMD, Molded, Automotive, 1.2 Ohms, 6032, Height Max = 2.8mm



| Dimensions |                |
|------------|----------------|
| Footprint  | 6032           |
| L          | 6mm +/-0.3mm   |
| W          | 3.2mm +/-0.3mm |
| Н          | 2.5mm +/-0.3mm |
| S          | 1.3mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| K          | 1.8mm TYP      |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 750        |  |

| General Information |                         |  |
|---------------------|-------------------------|--|
| Supplier:           | KEMET                   |  |
| 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:           | 100 uF                                                       |  |
| Capacitance Tolerance: | 10%                                                          |  |
| Voltage DC:            | 6.3 VDC (85C), 4.22 VDC (125C)                               |  |
| Temperature Range:     | -55/+125C                                                    |  |
| Rated Temperature:     | 85C                                                          |  |
| Dissipation Factor:    | 8%                                                           |  |
| Failure Rate:          | N/A                                                          |  |
| Resistance:            | 1.2 Ohms (100kHz)                                            |  |
| Current:               | 110.6 mAmps (25C), 99.5<br>mAmps (85C), 44.2 mAmps<br>(125C) |  |
| Leakage Current:       | 6.3 uA                                                       |  |

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