

B45196H, Tantalum, MnO2 Tantalum, 47 uF, 20%, 10 V, SMD, Molded, 1.6 Ohms, 3528, Height Max = 2.1mm



| General Information |               |
|---------------------|---------------|
| Supplier:           | KEMET         |
| Series:             | B45196H       |
| Dielectric:         | MnO2 Tantalum |
| Style:              | SMD Chip      |
| Description:        | SMD, Molded   |
| Features:           | Automotive    |
| RoHS:               | Yes           |
| Termination:        | Tin           |
| Notes:              | Obsolete      |

| 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       |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 47 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                            |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85C   |
| Dissipation Factor:    | 8%  |
| Failure Rate:          | N/A   |
| Resistance:            | 1.6 Ohms (100kHz)                                       |
| Current:               | 230.5 mAmps (25C), 207.5 mAmps (85C), 92.2 mAmps (125C) |
| Leakage Current:       | 4.7 uA  |