

B45196H, Tantalum, MnO2 Tantalum, 68 uF, 10%, 4 V, SMD, Molded, 3528, Height Max = 2.1mm



| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | B45196H  |
| Dielectric:         | MnO2 Tantalum  |
| Style:              | SMD Chip   |
| Description:        | SMD, Molded  |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Notes:              | Obsolete. Old Part Number [Obsolete] Was B45196H0686K209 |

| 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      |

| Specifications         |                              |
|------------------------|------------------------------|
| Capacitance:           | 68 uF                        |
| Capacitance Tolerance: | 10%                          |
| Voltage DC:            | 4 VDC (85C), 2.68 VDC (125C) |
| Temperature Range:     | -55/+125C                    |
| Rated Temperature:     | 85C                          |
| Dissipation Factor:    | 6%                           |
| Failure Rate:          | N/A                          |
| Leakage Current:       | 2.7 uA                       |

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