

B45196H, Tantalum, MnO2 Tantalum, 15 uF, 20%, 10 V, SMD, Molded, 2.5 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: | 15 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 6% |
| Failure Rate: | N/A |
| Resistance: | 2.5 Ohms (100kHz) |
| Current: | 184.4 mAmps (25C), 166 mAmps (85C), 73.8 mAmps (125C) |
| Leakage Current: | 1.5 uA |