

B450, Tantalum, MnO2 Tantalum, 68 uF, 20%, 4 V, SMD, Molded, Low Profile, Low ESR, Surge Robust, 1.5 Ohms, 3528, Height Max = 1.2mm



| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | B450 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Molded, Low Profile, Low ESR, Surge Robust |
| Features: | Low Profile, Low ESR, Surge Robust |
| RoHS: | Yes |
| Termination: | Tin |
| Notes: | Obsolete. Old part number [Obsolete] was B45004R6869M158 |

| Dimensions | |
|------------|----------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.2mm MAX |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| K | 1mm TYP |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2500 |

| Specifications | |
|------------------------|---|
| Capacitance: | 68 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 4 VDC (85C), 2.68 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 15% |
| Failure Rate: | N/A |
| Resistance: | 1.5 Ohms (100kHz) |
| Current: | 220 mAmps (25C), 198 mAmps (85C), 88 mAmps (125C) |
| Leakage Current: | 2.7 uA |