

T495T686K004ZTE1K5

Obsolete

B450, Tantalum, MnO2 Tantalum, 68 uF, 10%, 4 VDC, SMD, Molded, Low Profile, Low ESR, Surge Robust, 1.5 Ohms, 3528, Height Max = 1.2mm



General Information

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|-------------|-----------------------------------------------------------|
| 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 |
| AEC-Q200 | No |
| Notes | Obsolete. Old part number [Obsolete] was B45004R6869K158. |

Specifications

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|-----------------------|---------------------------------------------------|
| Capacitance | 68 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 4 VDC (85C), 2.68 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 15% |
| Failure Rate | N/A |
| Resistance | 1.5 Ohms (100kHz) |
| Ripple Current | 220 mAmps (25C), 198 mAmps (85C), 88 mAmps (125C) |
| Leakage Current | 2.7 uA |

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

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