

T495C686K016ZTE180

Obsolete

B450, Tantalum, MnO₂ Tantalum, 68 uF, 10%, 16 VDC, SMD, Molded, Low ESR, Surge Robust, 180 mOhms, 6032, Height Max = 2.8mm



General Information

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|-------------|---|
| Series | B450 |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, Molded, Low ESR, Surge Robust |
| Features | Low ESR, Surge Robust |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Notes | Obsolete. Old Part Number [Obsolete] Was B45016C6869K187. |

Specifications

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|-----------------------|--|
| Capacitance | 68 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% |
| Failure Rate | N/A |
| Resistance | 0.18 Ohms (100kHz) |
| Ripple Current | 780 mAmps (25C), 702 mAmps (85C), 312 mAmps (125C) |
| Leakage Current | 10.9 uA |

Dimensions

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|-----------|----------------|
| Footprint | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| K | 1.8mm TYP |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 750 |