



| General Information | |
|---------------------|---|
| Series | B450 |
| Dielectric | MnO2 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 B45010B1066K188. |

| Specifications | |
|-----------------------|---|
| Capacitance | 10 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% |
| Failure Rate | N/A |
| Resistance | 1.8 Ohms (100kHz) |
| Ripple Current | 4900 mAmps (25C), 4410 mAmps (85C), 1960 mAmps (125C) |
| Leakage Current | 1 uA |

| Dimensions | |
|------------|----------------|
| Footprint | 3216 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| S | 0.8mm +/-0.3mm |
| F | 1.2mm +/-0.1mm |
| K | 1.3mm TYP |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 330mm |
| Packaging Quantity | 8000 |

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