



| 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 B45010A4756M148. |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 4.7 uF  |
| Capacitance Tolerance | 20%   |
| 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            | 1.4 Ohms (100kHz)                                 |
| Ripple Current        | 230 mAmps (25C), 207 mAmps (85C), 92 mAmps (125C) |
| Leakage Current       | 0.5 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       | 9000       |

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