



#### General Information

|             |                                    |
|-------------|------------------------------------|
| Series      | B45197A                            |
| 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                                 |

#### Specifications

|                    |  |
|--------------------|--|
| Capacitance        | 6.8 uF   |
| Tolerance          | 10%  |
| Voltage DC         | 35 VDC (85C), 23.45 VDC (125C)                     |
| Temperature Range  | -55/+125°C   |
| Rated Temperature  | 85°C   |
| Dissipation Factor | 6%   |
| Failure Rate       | N/A  |
| ESR                | 0.3 Ohms (100kHz)                                  |
| Ripple Current     | 740 mAmps (25C), 666 mAmps (85C), 296 mAmps (125C) |
| Leakage Current    | 2.4 uA   |

#### Dimensions

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 4.1mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 400        |