



| 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                                                        |
| Notes               | Obsolete. Old Part Number [Obsolete] Was B45197A7106K506. |

| Specifications        |                                                    |
|-----------------------|----------------------------------------------------|
| Capacitance           | 10 uF                                              |
| Capacitance Tolerance | 10%                                                |
| Voltage DC            | 50 VDC (85C), 33.5 VDC (125C)                      |
| Temperature Range     | -55/+125°C                                         |
| Rated Temperature     | 85°C                                               |
| Dissipation Factor    | 6%                                                 |
| Failure Rate          | N/A                                                |
| Resistance            | 0.3 Ohms (100kHz)                                  |
| Ripple Current        | 740 mAmps (25C), 666 mAmps (85C), 296 mAmps (125C) |
| Leakage Current       | 5 uA                                               |

| Dimensions |                |
|------------|----------------|
| Footprint  | 7343           |
| 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 |
| K          | 1.8mm TYP      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 1800       |

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