

B45197A, Tantalum, MnO2 Tantalum, 10 uF, 10%, 20 V, SMD, Molded, Low ESR, Surge Robust, 1 Ohms, 3528, Height Max = 2.1mm



| General Information |                                                          |
|---------------------|----------------------------------------------------------|
| Supplier:           | KEMET                                                    |
| Series:             | B45197A                                                  |
| Dielectric:         | MnO2 Tantalum                                            |
| Style:              | SMD Chip                                                 |
| Description:        | SMD, Molded, Low ESR, Surge Robust                       |
| Features:           | Low ESR, Surge Robust                                    |
| RoHS:               | Yes                                                      |
| Termination:        | Tin                                                      |
| Notes:              | Obsolete. Old Part Number [Obsolete] Was B45197A4106K209 |

| Dimensions |                |
|------------|----------------|
| Footprint  | 3528           |
| L          | 3.5mm +/-0.2mm |
| W          | 2.8mm +/-0.2mm |
| H          | 1.9mm +/-0.2mm |
| S          | 0.7mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| K          | 1.4mm TYP      |

| Specifications         |                                                    |
|------------------------|----------------------------------------------------|
| Capacitance:           | 10 uF                                              |
| Capacitance Tolerance: | 10%                                                |
| Voltage DC:            | 20 VDC (85C), 13.4 VDC (125C)                      |
| Temperature Range:     | -55/+125C                                          |
| Rated Temperature:     | 85C                                                |
| Dissipation Factor:    | 6%                                                 |
| Failure Rate:          | N/A                                                |
| Resistance:            | 1 Ohms (100kHz)                                    |
| Current:               | 290 mAmps (25C), 261 mAmps (85C), 116 mAmps (125C) |
| Leakage Current:       | 2 uA                                               |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 2000       |