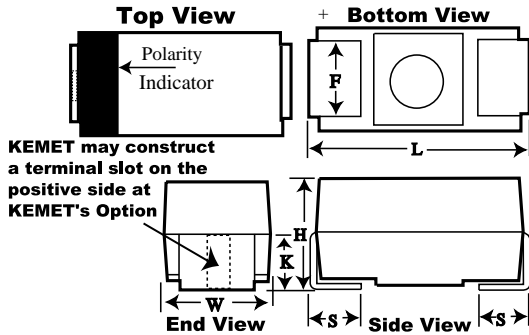


B450, Tantalum, MnO2 Tantalum, 100 uF, 20%, 10 V, SMD, Molded, Low ESR, Surge Robust, 700 mOhms, 3528, Height Max = 2.1mm



| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | B450   |
| 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 B45010B1079M707 |

| 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:           | 100 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 10 VDC (85C), 6.7 VDC (125C)                       |
| Temperature Range:     | -55/+125C  |
| Rated Temperature:     | 85C  |
| Dissipation Factor:    | 8%   |
| Failure Rate:          | N/A  |
| Resistance:            | 0.7 Ohms (100kHz)                                  |
| Current:               | 350 mAmps (25C), 315 mAmps (85C), 140 mAmps (125C) |
| Leakage Current:       | 10 uA  |

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