

B450, Tantalum, MnO2 Tantalum, 47 uF, 10%, 20 V, SMD, Molded, Low ESR, Surge Robust, 100 mOhms, 7343, Height Max = 3.1mm



| 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 B45020D4769K107 |

| Dimensions |                |
|------------|----------------|
| Footprint  | 7343           |
| L          | 7.3mm +/-0.3mm |
| W          | 4.3mm +/-0.3mm |
| H          | 2.8mm +/-0.3mm |
| S          | 1.3mm +/-0.3mm |
| F          | 2.4mm +/-0.1mm |
| K          | 1.8mm TYP      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 178mm |
| Packaging Quantity:      | 750        |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 47 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:            | 0.1 Ohms (100kHz)                                    |
| Current:               | 1220 mAmps (25C), 1098 mAmps (85C), 488 mAmps (125C) |
| Leakage Current:       | 9.4 uA   |