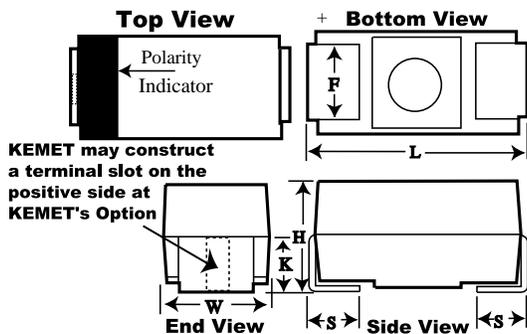


B450, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 35 V, SMD, Molded, Low ESR, Surge Robust, 1.5 Ohms, 3528, Height Max = 2.1mm



| 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 B45035B2259K158 |

| 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:           | 2.2 uF  |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 35 VDC (85C), 23.45 VDC (125C)                    |
| Temperature Range:     | -55/+125C   |
| Rated Temperature:     | 85C   |
| Dissipation Factor:    | 6%  |
| Failure Rate:          | N/A   |
| Resistance:            | 1.5 Ohms (100kHz)                                 |
| Current:               | 240 mAmps (25C), 216 mAmps (85C), 96 mAmps (125C) |
| Leakage Current:       | 0.8 uA  |

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

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