

T495B225M025ZTE1K2

Obsolete

B45197A, Tantalum, MnO₂ Tantalum, 2.2 uF, 20%, 25 VDC, SMD, Molded, Low ESR, Surge Robust, 1.2 Ohms, 3528, Height Max = 2.1mm



General Information

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|-------------|---|
| Series | B45197A |
| Dielectric | MnO ₂ 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 B45197A5225M209. |

Specifications

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|-----------------------|--|
| Capacitance | 2.2 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4% |
| Failure Rate | N/A |
| Resistance | 1.2 Ohms (100kHz) |
| Ripple Current | 270 mAmps (25C), 243 mAmps (85C), 108 mAmps (125C) |
| Leakage Current | 0.6 uA |

Dimensions

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|-----------|----------------|
| 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 |

Packaging Specifications

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