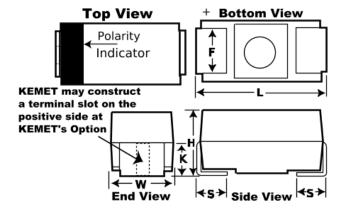


T495B685K025ZTE1K0

B45197A, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 25 VDC, SMD, Molded, Low ESR, Surge Robust, 1 Ohms, 3528, Height Max = 2.1mm



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

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

| General Information | | |
|---------------------|--------------------------------------------------------------|--|
| Series | B45197A | |
| Dielectric | MnO2 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 B45197A5685K209. | |

| Specifications | |
|---------------------------|-------------------------------------------------------|
| Capacitance | 6.8 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% |
| Failure Rate | N/A |
| Resistance | 1 Ohms (100kHz) |
| Ripple Current | 290 mAmps (25C), 261 mAmps (85C), 116 mAmps (125C) |
| Leakage Current | 1.7 uA |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.