

KEMET Part Number: T491B685M016AT
(B45196H3685M209)

T491, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 16 V, 3528, SMD, MnO2, Molded, 2.5 Ohms, Height Max = 2.1mm



| General Information | |
|---------------------|-------------------|
| Supplier: | KEMET |
| Series: | T491 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded |
| RoHS: | Yes |
| Termination: | Tin |

| Specifications | |
|------------------------|--|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 2.5 Ohms (100kHz) |
| Current: | 184 mAmps (100kHz 25C), 165.6 mAmps (85C), 73.6 mAmps (125C) |
| Leakage Current: | 1.1 uA (5min 20C) |

| Dimensions | |
|------------|-------------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.2/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| P | 0.5mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 107.45 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2000 |

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