

KEMET Part Number: T495C686M016ATE250
(B45197A3686M309)

Tantalum, MnO2 Tantalum, T495, 68 uF, 20%, 16 V, 6032, SMD, MnO2, Molded, Low ESR, 250 mOhms, Height Max = 2.8mm



| General Information | |
|---------------------|----------------------------|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T495 |
| Description: | SMD, MnO2, Molded, Low ESR |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |

| Specifications | |
|------------------------|--|
| Capacitance: | 68 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 16 VDC (85C), 10.72 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 250 mOhms (100kHz) |
| Current: | 663 mAmps (100kHz 25C), 596.7 mAmps (85C), 265.2 mAmps (125C) |
| Leakage Current: | 10.9 uAmps (5min 20C) |

| Dimensions | |
|------------|-----------------|
| Footprint | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 2.9mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 2.4mm REF |
| G | 2.8mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 224.48 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

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