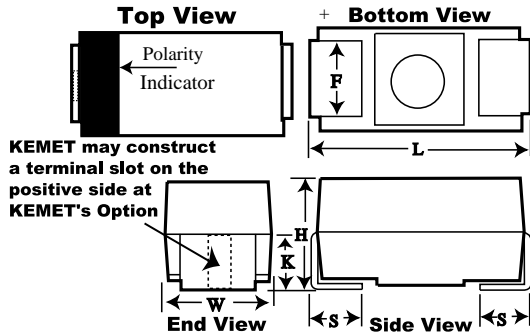


KEMET Part Number: B45196L1685M109 **Obsolete**
(T495A685M006ZTA4K5)

B45196L, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 6.3 V, SMD, Molded, Automotive, 4.5 Ohms, 3216, Height Max = 1.8mm



Dimensions

| Footprint | 3216 |
|-----------|----------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| H | 1.6mm +/-0.2mm |
| S | 0.8mm +/-0.3mm |
| F | 1.2mm +/-0.1mm |
| K | 1.3mm TYP |

Packaging Specifications

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

General Information

| | |
|------------------------|-------------------------|
| Supplier: | KEMET |
| Series: | B45196L |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Molded, Automotive |
| Features: | Automotive |
| RoHS: | Yes |
| Termination: | Tin |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | AEC-Q200 |
| Notes: | Obsolete |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 6% |
| Failure Rate: | N/A |
| Resistance: | 4.5 Ohms (100kHz) |
| Current: | 91.3 mAmps (25C), 82.2 mAmps (85C), 36.5 mAmps (125C) |
| Leakage Current: | 0.5 uA |