

T498B685M006ZTE2K7

Obsolete

B45196P, Tantalum, MnO₂ Tantalum, High Temperature, 6.8 uF, 20%, 6.3 VDC, SMD, Molded, High Temperature, N/A, 2.7 Ohms, 3528, Height Max = 2.1mm



General Information

| | |
|-------------|---|
| Series | B45196P |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, Molded, High Temperature |
| Features | High Temperature |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Notes | Obsolete. Old Part Number [Obsolete] Was B45196P1685M209. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 6.8 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 6.3 VDC (85C), 5.02 VDC (125C), 4.22 VDC (150C) |
| Temperature Range | -55/+150°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 4.5% |
| Failure Rate | N/A |
| Resistance | 2.7 Ohms (100kHz) |
| Leakage Current | 0.5 uA |

Dimensions

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