

T498B684M035ZTE5K5

Obsolete

B45196P, Tantalum, MnO2 Tantalum, High Temperature, .68 uF, 20%, 35 VDC, SMD, Molded, High Temperature, N/A, 5.5 Ohms, 3528, Height Max = 2.1mm



| General Information | |
|---------------------|-------------------------------|
| Series | B45196P |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, Molded, High Temperature |
| Features | High Temperature, Automotive |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Notes | Obsolete. |

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

| Specifications | |
|-----------------------|---|
| Capacitance | .68 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (85C), 27.89 VDC (125C), 23.45 VDC (150C) |
| Temperature Range | -55/+150°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 3% |
| Failure Rate | N/A |
| Resistance | 5.5 Ohms (100kHz) |
| Ripple Current | 124.3 mAmps (25C), 111.9 mAmps (85C), 49.7 mAmps (125C) |
| Leakage Current | 0.5 uA |

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