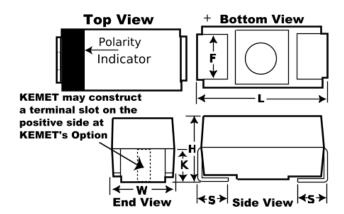


T498A106K006ZTE2K77280

Obsolete

B45196P, Tantalum, MnO2 Tantalum, High Temperature, 10 uF, 10%, 6.3 VDC, SMD, Molded, High Temperature, N/A, 2.7 Ohms, 3216, Height Max = 1.8mm



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

| Specifications | |
|--------------------------|---|
| Capacitance | 10 uF |
| Capacitance Tolerance | 10% |
| 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) |
| Ripple Current | 166.7 mAmps (25C), 150 mAmps (85C), 66.7 mAmps (125C) |
| Leakage Current | 0.6 uA |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Packaging | T&R, 330mm | |
| Packaging Quantity | 9000 | |

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