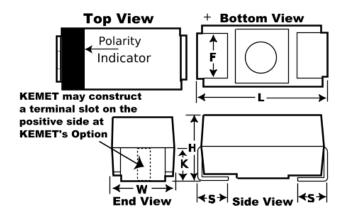


T498A105K020ZTE5K97280

Obsolete

B45196P, Tantalum, MnO2 Tantalum, High Temperature, 1 uF, 10%, 20 VDC, SMD, Molded, High Temperature, N/A, 5.9 Ohms, 3216, Height Max = 1.8 mm



| 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 | 1uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 20 VDC (85C), 15.94 VDC (125C), 13.4 VDC (150C) |
| Temperature Range | -55/+150°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 3% |
| Failure Rate | N/A |
| Resistance | 5.9 Ohms (100kHz) |
| Ripple Current | 112.7 mAmps (25C), 101.4 mAmps (85C), 45.1 mAmps (125C) |
| Leakage Current | 0.5 uA |

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

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