

## T498A225M006ZTE6K5

Obsolete

B45196P, Tantalum, MnO<sub>2</sub> Tantalum, High Temperature, 2.2 uF, 20%, 6.3 VDC, SMD, Molded, High Temperature, N/A, 6.5 Ohms, 3216, Height Max = 1.8mm



| General Information |                               |
|---------------------|-------------------------------|
| Series              | B45196P                       |
| Dielectric          | MnO <sub>2</sub> 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 |
| H          | 1.6mm +/-0.2mm |
| S          | 0.8mm +/-0.3mm |
| F          | 1.2mm +/-0.1mm |
| K          | 1.3mm TYP      |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 2.2 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            | 6.5 Ohms (100kHz)                                    |
| Ripple Current        | 107.4 mAmps (25C), 96.7 mAmps (85C), 43 mAmps (125C) |
| Leakage Current       | 0.5 uA   |

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

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