

**T498A225K016ZTE4K37280**

Obsolete

B45196P, Tantalum, MnO2 Tantalum, High Temperature, 2.2 uF, 10%, 16 VDC, SMD, Molded, High Temperature, N/A, 4.3 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 |
| H          | 1.6mm +/-0.2mm |
| S          | 0.8mm +/-0.3mm |
| F          | 1.2mm +/-0.1mm |
| K          | 1.3mm TYP      |

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

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 2.2 uF  |
| Capacitance Tolerance | 10%   |
| Voltage DC            | 16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C)        |
| Temperature Range     | -55/+150°C  |
| Rated Temperature     | 85°C  |
| Dissipation Factor    | 4.5%  |
| Failure Rate          | N/A   |
| Resistance            | 4.3 Ohms (100kHz)                                       |
| Ripple Current        | 132.1 mAmps (25C), 118.9 mAmps (85C), 52.8 mAmps (125C) |
| Leakage Current       | 0.5 uA  |

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