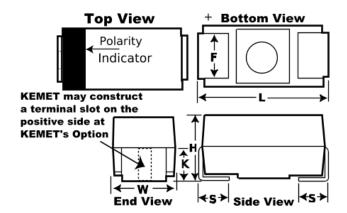


## T495A105M025ZTE5K07280

Obsolete

B450, Tantalum, MnO2 Tantalum, 1 uF, 20%, 25 VDC, SMD, Molded, Low ESR, Surge Robust, 5 Ohms, 3216, Height Max = 1.8 mm



| General Information |   |  |
|---------------------|---|--|
| Series              | B450  |  |
| Dielectric          | MnO2 Tantalum   |  |
| Style               | SMD Chip  |  |
| Description         | SMD, Molded, Low ESR, Surge Robust                        |  |
| Features            | Low ESR, Surge Robust                                     |  |
| RoHS                | Yes   |  |
| Termination         | Tin   |  |
| AEC-Q200            | No  |  |
| Notes               | Obsolete. Old Part Number [Obsolete] Was B45025A1056M508. |  |

| 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<br>Tolerance | 20%   |
| Voltage DC               | 25 VDC (85C), 16.75 VDC (125C)                    |
| Temperature Range        | -55/+125°C  |
| Rated Temperature        | 85°C  |
| Dissipation Factor       | 4%  |
| Failure Rate             | N/A   |
| Resistance               | 5 Ohms (100kHz)                                   |
| Ripple Current           | 120 mAmps (25C), 108 mAmps (85C), 48 mAmps (125C) |
| Leakage Current          | 0.5 uA  |

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

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