

T495C686M010ZTE200

Obsolete

B450, Tantalum, MnO2 Tantalum, 68 uF, 20%, 10 VDC, SMD, Molded, Low ESR, Surge Robust, 200 mOhms, 6032, Height Max = 2.8mm



| Dimensions |                |
|------------|----------------|
| Footprint  | 6032           |
| L          | 6mm +/-0.3mm   |
| W          | 3.2mm +/-0.3mm |
| H          | 2.5mm +/-0.3mm |
| S          | 1.3mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| K          | 1.8mm TYP      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 750        |

| 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 B45010C6869M207. |

| Specifications        |                                                    |
|-----------------------|----------------------------------------------------|
| Capacitance           | 68 uF                                              |
| Capacitance Tolerance | 20%                                                |
| Voltage DC            | 10 VDC (85C), 6.7 VDC (125C)                       |
| Temperature Range     | -55/+125°C                                         |
| Rated Temperature     | 85°C                                               |
| Dissipation Factor    | 6%                                                 |
| Failure Rate          | N/A                                                |
| Resistance            | 0.2 Ohms (100kHz)                                  |
| Ripple Current        | 740 mAmps (25C), 666 mAmps (85C), 296 mAmps (125C) |
| Leakage Current       | 6.8 uA                                             |

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