

T495C107K010ZTE1007280

Obsolete

B450, Tantalum, MnO2 Tantalum, 100 uF, 10%, 10 VDC, SMD, Molded, Low ESR, Surge Robust, 100 mOhms, 6032, Height Max = 2.8mm



| 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 B45010C1076K107. |

| Specifications        |                                                     |
|-----------------------|-----------------------------------------------------|
| Capacitance           | 100 uF                                              |
| Capacitance Tolerance | 10%                                                 |
| Voltage DC            | 10 VDC (85C), 6.7 VDC (125C)                        |
| Temperature Range     | -55/+125°C                                          |
| Rated Temperature     | 85°C                                                |
| Dissipation Factor    | 8%                                                  |
| Failure Rate          | N/A                                                 |
| Resistance            | 0.1 Ohms (100kHz)                                   |
| Ripple Current        | 1050 mAmps (25C), 945 mAmps (85C), 420 mAmps (125C) |
| Leakage Current       | 10 uA                                               |

| 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, 330mm |
| Packaging Quantity       | 3000       |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.