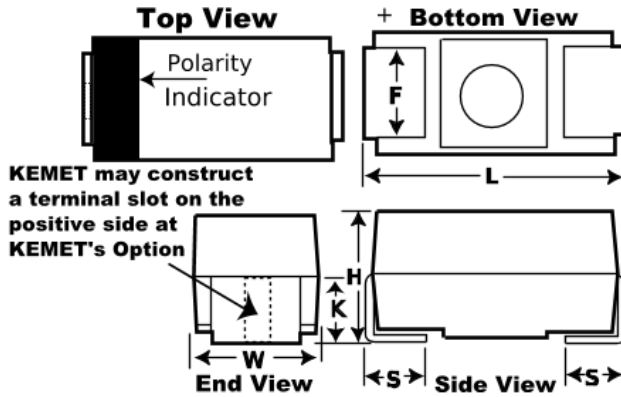


## T495C686K016ZTE180

Obsolete

Tantalum, MnO<sub>2</sub> Tantalum, 68 uF, 10%, 16 VDC, SMD, Molded, Low ESR, Surge Robust, 180 mOhms, 6032, 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

|             |   |
|-------------|---|
| Dielectric  | MnO <sub>2</sub> 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 B45016C6869K187. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 68 uF  |
| Capacitance Tolerance | 10%  |
| Voltage DC            | 16 VDC (85C), 10.72 VDC (125C)                     |
| Temperature Range     | -55/+125°C   |
| Rated Temperature     | 85°C   |
| Dissipation Factor    | 6%   |
| Failure Rate          | N/A  |
| ESR                   | 0.18 Ohms (100kHz)                                 |
| Ripple Current        | 780 mAmps (25C), 702 mAmps (85C), 312 mAmps (125C) |
| Leakage Current       | 10.9 uA  |