

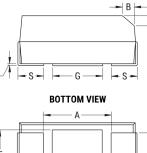
## T496D685K035ATE750

T496, Tantalum, MnO2 Tantalum, Fused, 6.8 uF, 10%, 35 VDC, SMD, MnO2, Molded, Fused, N/A, 750 mOhms, 7343, Height Max = 3.1mm

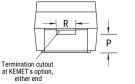
CATHODE (-) END VIEW

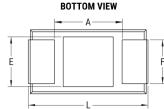


ANODE (+) END VIEW



SIDE VIEW





Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| Н          | 2.8mm +/-0.3mm  |
| Т          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| А          | 3.8mm MIN       |
| В          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| Р          | 0.9mm REF       |
| R          | 1mm REF         |
| Х          | 0.1mm +/-0.1mm  |
|            |                 |

Т

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging                | T&R, 178mm |  |
| Packaging Quantity       | 500        |  |

| General Information |                          |
|---------------------|--------------------------|
| Series              | T496                     |
| Dielectric          | MnO2 Tantalum            |
| Style               | SMD Chip                 |
| Description         | SMD, MnO2, Molded, Fused |
| Features            | Integral Fuse            |
| RoHS                | Yes                      |
| Termination         | Tin                      |
| AEC-Q200            | No                       |
| Component Weight    | 446.84 mg                |
| Shelf Life          | 156 Weeks                |
| MSL                 | 1                        |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 6.8 uF   |
| Capacitance<br>Tolerance  | 10%  |
| Voltage DC                | 35 VDC (85C), 23.45 VDC (125C)   |
| Temperature<br>Range      | -55/+125°C   |
| Rated<br>Temperature      | 85°C   |
| <b>Dissipation Factor</b> | 6% 120Hz 25C   |
| Failure Rate              | N/A  |
| Resistance                | 750 mOhms (100kHz 25C)   |
| Ripple Current            | 447 mA (rms, 100kHz 25C), 402.3 mA (rms,<br>85C), 178.8 mA (rms, 125C) |
| Leakage Current           | 2.4 uA (5min 25°C)   |

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