

## T493X685M050BH6120

Aliases (07016-171MBHZ, DLA Drawing 07016-171MBHZ)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 20%, 50 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 500 mOhms, 7343, Height Max = 4.3mm



Click [here](#) for the 3D model.

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7343           |
| L         | 7.3mm +/-0.3mm |
| W         | 4.3mm +/-0.3mm |
| H         | 4mm +/-0.3mm   |
| S         | 1.3mm +/-0.3mm |
| F         | 2.4mm +/-0.1mm |

### Packaging Specifications

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

### General Information

|                  |  |
|------------------|--|
| Series           | T493 HRA   |
| Dielectric       | MnO2 Tantalum  |
| Style            | SMD Chip   |
| Description      | SMD, MnO2, Molded, DLA Drawing   |
| RoHS             | No   |
| Prop 65          | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> |
| SCIP Number      | 1dd2e1b8-26dd-4d52-927c-6f9d519011aa   |
| Termination      | Solder Coated  |
| AEC-Q200         | No   |
| Component Weight | 654.04 mg  |

### Specifications

|                         |                               |
|-------------------------|-------------------------------|
| Capacitance             | 6.8 uF                        |
| Capacitance Tolerance   | 20%                           |
| Voltage DC              | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range       | -55/+125°C                    |
| Rated Temperature       | 85°C                          |
| Dissipation Factor      | 6% 120Hz 25C                  |
| Failure Rate            | B (0.1%/1000 Hrs)             |
| Resistance              | 0.5 Ohms (100kHz 25C)         |
| Leakage Current         | 3.4 uA (5min 25°C)            |
| Testing and Reliability | Standard Testing Only         |

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