

## T493C685K025BK6420

T493 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA, 6.8 uF, 10%, 25 VDC, SMD, MnO<sub>2</sub>, Molded, DLA Drawing, B (0.1%/1000 Hrs), 600 mOhms, 6032, 2.8 mm, 1.3 mm



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

### General Information

Series	T493 HRA
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, DLA Drawing
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	656db0b8-8445-4117-82f2-2f12e764f0b1
Termination	Solder Fused
AEC-Q200	No
Typical Component Weight	224.2 mg

### Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	0.6 Ohms (100kHz 25C)
Ripple Current	428 mA (rms, 100kHz 25C)
Leakage Current	1.7 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

### Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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