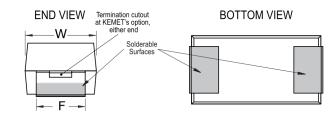


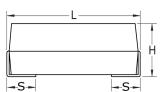
## T493X685K050CC6420

## Aliases (DLA Drawing 07016-171KCCC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 50 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 500 mOhms, 7343, Height Max = 4.3mm



## SIDE VIEW



Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	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	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
AEC-Q200	No
Component Weight	654.04 mg

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.5 Ohms (100kHz 25C)
<b>Ripple Current</b>	642 mA (rms, 100kHz 25C)
Leakage Current	3.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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