

T493C685K025CC6420

Aliases (DLA Drawing 07016-120KCCC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 600 mOhms, 2.8 mm, 2312 / 6032



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

General Information

Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, DLA Drawing
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
Typical Component Weight	224.2 mg

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

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	C (0.01%/1000 Hrs)
ESR	0.6 Ohms (100kHz 25C)
Ripple Current	396 mA (rms, 100kHz 25C)
Leakage Current	1.7 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C Before Weibull

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