

T493B685K020CC6420

Aliases (DLA Drawing 07016-091KCCC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 20 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 1 Ohms, 2.1 mm, 1411 / 3528



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	102.3 mg

Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	1 Ohms (100kHz 25C)
Ripple Current	292 mA (rms, 100kHz 25C)
Leakage Current	1.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C Before Weibull

Dimensions

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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