

T493D685K050CH6420

Aliases (DLA Drawing 07016-170KCHC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 50 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 300 mOhms, 7343, Height Max = 3.1mm



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

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	412.33 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
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.3 Ohms (100kHz 25C)
Ripple Current	707 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