

T493A105K025CH6310

Aliases (DLA Drawing 07016-109KCHB)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 1 uF, 10%, 25 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 8 Ohms, 3216, 1.8 mm, 0.8 mm



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	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	58.97 mg

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

Specifications

Capacitance	1 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	8 Ohms (100kHz 25C)
Ripple Current	97 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C After Weibull

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