

T495D686K006AH4095

Aliases (DLA Drawing 95158-01KH)

T495 HRA, Tantalum, MnO2 Tantalum, HRA, 68 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, High Reliability, N/A, 175 mOhms, 3.1 mm, 2817 / 7343



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

General Information

Series	T495 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, High Reliability
Features	Low ESR, High Reliability
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)
Typical Component Weight	446.84 mg
MSL	1

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
K	1.5mm +/-0.2mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications

Capacitance	68 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	N/A
ESR	175 mOhms (100kHz 25C)
Ripple Current	926 mA (rms, 100kHz 25C), 833 mA (rms, 100kHz 85C), 370 mA (rms, 100kHz 125C)
Leakage Current	3.3 uA (5min 25°C)
Testing and Reliability	Tested To Meet The Established Reliability

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