

T496D157K006BH6410

T496 HRA, Tantalum, MnO2 Tantalum, HRA, 150 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Military, Fused, High Reliability, B (0.1%/1000 Hrs), 700 mOhms, 3.1mm, 2817 / 7343



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

General Information

Series	T496 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military, Fused, High Reliability
Features	Internal Fuse, 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

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
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	150 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	700 mOhms (100kHz 25C)
Ripple Current	463 mA (rms, 100kHz 25C)
Leakage Current	9.5 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C +/-5C And +85C +/-5C Before Weibull

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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