

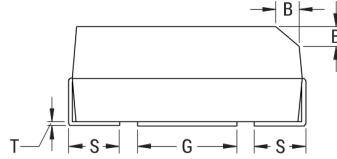
T496B106K016BH6410

T496 HRA, Tantalum, MnO2 Tantalum, HRA, 10 uF, 10%, 16 VDC, SMD, MnO2, Molded, Military, Fused, High Reliability, B (0.1%/1000 Hrs), 3.5 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



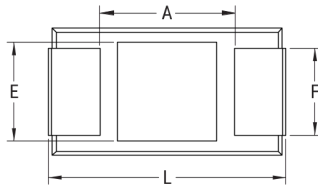
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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 - http://www.p65warnings.ca.gov .
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	107.45 mg

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.4mm REF
R	1.5mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance	10 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	3500 mOhms (100kHz 25C)
Ripple Current	156 mA (rms, 100kHz 25C)
Leakage Current	1.6 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C Before Weibull

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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