



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

#### General Information

Series	T496 HRA
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Military, Fused, High Reliability
Features	Internal Fuse, High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	224.48 mg

#### Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	600 mOhms (100kHz 25C)
Ripple Current	428 mA (rms, 100kHz 25C)
Leakage Current	2.5 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C After Weibull

#### Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

#### Packaging Specifications

Packaging	Bulk, Bag
-----------	-----------