

## T496D475K050BH6110

T496 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA, 4.7 uF, 10%, 50 VDC, SMD, MnO<sub>2</sub>, Molded, Military, Fused, High Reliability, B (0.1%/1000 Hrs), 1.5 Ohms, 7343, 3.1 mm, 1.3 mm



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	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
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

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	1500 mOhms (100kHz 25C)
Ripple Current	316 mA (rms, 100kHz 25C)
Leakage Current	2.4 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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