

T496C105M050AT6110

T496 HRA, Tantalum, MnO₂ Tantalum, HRA, 1 μ F, 20%, 50 VDC, SMD, MnO₂, Molded, Military, Fused, High Reliability, A (Non-ER), 5.5 Ohms, 6032, 2.8 mm, 1.3 mm



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

General Information

Series	T496 HRA
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , 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	1 μ F
Tolerance	20%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	A (Non-ER)
ESR	5500 mOhms (100kHz 25C)
Ripple Current	141 mA (rms, 100kHz 25C)
Leakage Current	0.5 μ A (5min 25°C)
Testing and Reliability	Standard Testing Only

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	T&R, 178mm
Packaging Quantity	500

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