

T496B106M016BT6110

T496 HRA, Tantalum, MnO₂ Tantalum, HRA, 10 uF, 20%, 16 VDC, SMD, MnO₂, Molded, Military, Fused, High Reliability, B (0.1%/1000 Hrs), 3.5 Ohms, 3528, Height Max = 2.1mm

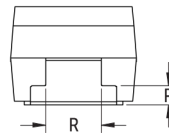
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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
Component Weight	107.45 mg

Specifications

Capacitance	10 uF
Capacitance Tolerance	20%
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)
Leakage Current	1.6 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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