

## T496B105M035ATE3K1

T496, Tantalum, MnO<sub>2</sub> Tantalum, Fused, 1 uF, 20%, 35 VDC, SMD, MnO<sub>2</sub>, Molded, Fused, N/A, 3.1 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### 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
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Fused
Features	Integral Fuse
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

### Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	N/A
Resistance	3100 mOhms (100kHz 25C)
Ripple Current	166 mA (rms, 100kHz 25C), 149.4 mA (rms, 85C), 66.4 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)