

T496B105K035ATE3K1

General Information

Series

Style

RoHS

Dielectric

Description Features

Termination

AEC-Q200

T496, Tantalum, MnO2 Tantalum, Fused, 1 uF, 10%, 35 VDC, SMD, MnO2, Molded, Fused, N/A, 3.1 Ohms, 3528, Height Max = 2.1mm

T496

Yes

Tin

No

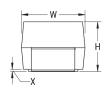
SMD Chip

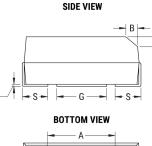
Integral Fuse

MnO2 Tantalum

SMD, MnO2, Molded, Fused

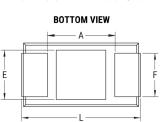
CATHODE (-) END VIEW











Click here for the 3D model.

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
А	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.4mm REF
R	1.5mm REF
Х	0.1mm +/-0.1mm

T-

Component Weight	107.45 mg	
Shelf Life	156 Weeks	
MSL	1	
Specifications		
Capacitance	1uF	
Capacitance Tolerance	10%	
Voltage DC	35 VDC (85C), 23.45 VDC (125C)	
Temperature Range	-55/+125°C	
Rated Temperature	85°C	

Temperature	03 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)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

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