

## T491X476M020AT

T491, Tantalum, MnO<sub>2</sub> Tantalum, 47 uF, 20%, 20 VDC, SMD, MnO<sub>2</sub>, Molded, 800 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### General Information

Series	T491
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

### Specifications

Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	0.8 Ohms (100kHz 25C)
Ripple Current	454 mA (rms, 100kHz 25C), 408.6 mA (rms, 85C), 181.6 mA (rms, 125C)
Leakage Current	9.4 uA (5min 25°C)

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