

T491U107K010AT

T491, Tantalum, MnO2 Tantalum, 100 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Profile, 700 mOhms, 6032, Height Max = 1.5mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click here for the 3D model.

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
Н	1.4mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	2.9mm MIN
E	2.4mm REF
G	2.8mm REF
X	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	70 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	0.7 Ohms (100kHz 25C)
Ripple Current	359 mA (rms, 100kHz 25C), 323.1 mA (rms, 85C), 143.6 mA (rms, 125C)
Leakage Current	10 uA (5min 25°C)

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