

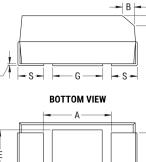
## T491D475K050AT

T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, 1.2 Ohms, 7343, Height Max = 3.1mm

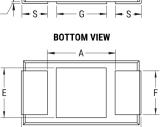
CATHODE (-) END VIEW



ANODE (+) END VIEW



SIDE VIEW



Termination cutout
at KEMET's option,
either end

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.6mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Ρ

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	446.84 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	1.2 Ohms (100kHz 25C)
Ripple Current	354 mA (rms, 100kHz 25C), 318.6 mA (rms, 85C), 141.6 mA (rms, 125C)
Leakage Current	2.4 uA (5min 25°C)

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