

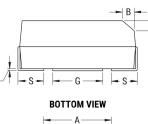
T491D686K016AH

T491, Tantalum, MnO2 Tantalum, 68 uF, 10%, 16 VDC, SMD, MnO2, Molded, 700 mOhms, 7343, Height Max = 3.1mm

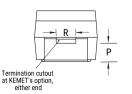
CATHODE (-) END VIEW

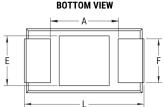


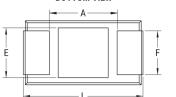
ANODE (+) END VIEW



SIDE VIEW







Click	here	for t	he 3D	model.
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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
Ρ	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Х	0.1mm +/-0.1mm	
Packaging Specifications		
Packaging	T&R, 178mm	
Packaging Quantity	500	

General Information	n
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	446.84 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	68 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	0.7 Ohms (100kHz 25C)
Ripple Current	463 mA (rms, 100kHz 25C), 416.7 mA (rms, 85C), 185.2 mA (rms, 125C)
Leakage Current	10.9 uA (5min 25°C)

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