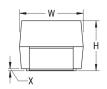
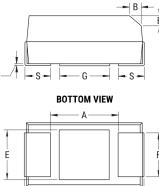


## T491D475K035AT7280

T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 35 VDC, SMD, MnO2, Molded, 1.5 Ohms, 7343, Height Max = 3.1mm

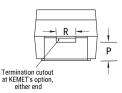
CATHODE (-) END VIEW





SIDE VIEW

ANODE (+) END VIEW	ANODE	(+)	END	VIEW
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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

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	2500

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

Capacitance4.7 uFCapacitance10%Voltage DC35 VDC (85C), 23.45 VDC (125C)Temperature Range-55/+125°CRated Temperature85°CDissipation Factor6% 120Hz 25CFailure RateN/AResistance1.5 Ohms (100kHz 25C), 284.4 mA (rms, 85°C), 126.4 mA (rms, 125C)	Specifications	
Tolerance10%Voltage DC35 VDC (85C), 23.45 VDC (125C)Temperature Range-55/+125°CRated Temperature85°CDissipation Factor6% 120Hz 25CFailure RateN/AResistance1.5 Ohms (100kHz 25C)Bipple Current316 mA (rms, 100kHz 25C), 284.4 mA (rms,	Capacitance	4.7 uF
Temperature Range-55/+125°CRated Temperature85°CDissipation Factor6% 120Hz 25CFailure RateN/AResistance1.5 Ohms (100kHz 25C)Pipple Current316 mA (rms, 100kHz 25C), 284.4 mA (rms, 100kHz 25C)		10%
Range-55/+125 °CRated Temperature85°CDissipation Factor6% 120Hz 25CFailure RateN/AResistance1.5 Ohms (100kHz 25C)Bipple Current316 mA (rms, 100kHz 25C), 284.4 mA (rms,	Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature85°CDissipation Factor6% 120Hz 25CFailure RateN/AResistance1.5 Ohms (100kHz 25C)Bipple Current316 mA (rms, 100kHz 25C), 284.4 mA (rms,	•	-55/+125°C
Failure Rate N/A   Resistance 1.5 Ohms (100kHz 25C)   Bipple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms, 100kHz 25C)		85°C
Resistance1.5 Ohms (100kHz 25C)Bipple Current316 mA (rms, 100kHz 25C), 284.4 mA (rms,	<b>Dissipation Factor</b>	6% 120Hz 25C
Bipple Current     316 mA (rms, 100kHz 25C), 284.4 mA (rms,	Failure Rate	N/A
	Resistance	1.5 Ohms (100kHz 25C)
	Ripple Current	
Leakage Current 1.6 uA (5min 25°C)	Leakage Current	1.6 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.