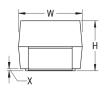
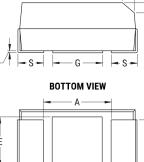


## T491B225K016AT7280

T491, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, 3.5 Ohms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW

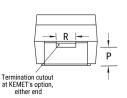




SIDE VIEW

- B

ANODE	(+)	FND	VIFW



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Click	here	for	the	3D	model.
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Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
А	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

т

	Range	-55/+1	
/-0.2mm	Rated	05%0	
/-0.2mm	Temperature	85°C	
-0.2mm	<b>Dissipation Factor</b>	6% 120	
REF	Failure Rate	N/A	
0.1/-0.3mm	Resistance	3.5 Oh	
/-0.1mm	Ripple Current	156 m/	
IN		85C),	
	Leakage Current	0514	

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	8000

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	2.2 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	3.5 Ohms (100kHz 25C)
Ripple Current	156 mA (rms, 100kHz 25C), 140.4 mA (rms, 85C), 62.4 mA (rms, 125C)
Leakage Current	0.5 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.