

T491B476K010ATAUT07280

T491 Auto, Tantalum, MnO2 Tantalum, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 1 Ohms, 3528, Height Max = 2.1mm

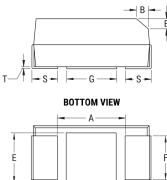
CATHODE (-) END VIEW



ANODE (+) END VIEW

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SIDE VIEW

Series		T491 Auto
Dielectric		MnO2 Tantalum
Style		SMD Chip
Description		SMD, MnO2, Molded, Auto, AEC-Q200
Features		Automotive
RoHS		Yes
Terminatior	1	Tin
Qualificatio	ns	AEC-Q200
AEC-Q200		Yes

General Information

Component Weight

Specifications			
Capacitance	47 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	1 Ohms (100kHz 25C)		
Ripple Current	292 mA (rms, 100kHz 25C)		
Leakage Current	4.7 uA (5min 25°C)		

107.45 mg

Click	here	for	the	3D	model.
	nere	101	uie	\mathcal{D}	model.

Termination cutout at KEMET's option, either end

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		

Packaging Specifications					
T&R, 330mm					
8000					

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