

T491D476K020ATAUT07280

T491 Auto, Tantalum, MnO2 Tantalum, 47 uF, 10%, 20 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 700 mOhms, 7343, Height Max = 3.1mm

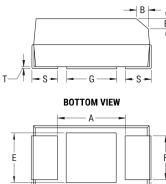
CATHODE (-) END VIEW



ANODE (+) END VIEW

R

Ρ



SIDE VIEW

General Information	
Series	T491 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Auto, AEC-Q200
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	446.84 mg

Specifications			
Capacitance	47 uF		
Capacitance Tolerance	10%		
Voltage DC	20 VDC (85C), 13.4 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)		
Leakage Current	9.4 uA (5min 25°C)		

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

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

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.