

T491B685M010ATAUT07280

T491 Auto, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 10 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 3.5 Ohms, 3528, Height Max = 2.1mm

T491 Auto

107.45 mg

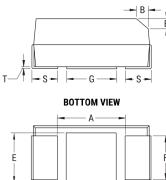
CATHODE (-) END VIEW



ANODE (+) END VIEW

R

Ρ



SIDE VIEW

3	Dielectric	MnO2 Tantalum
	Style	SMD Chip
	Description	SMD, MnO2, Molded, Auto, AEC-Q200
	Features	Automotive
	RoHS	Yes
	Termination	Tin
	Qualifications	AEC-Q200
Γ	AEC-Q200	Yes

General Information

Component Weight

Series

Specifications					
Capacitance	6.8 uF				
Capacitance Tolerance	20%				
Voltage DC	10 VDC (85C), 6.7 VDC (125C)				
Temperature Range	-55/+125°C				
Rated Temperature	85°C				
Dissipation Factor	6% 120Hz 25C				
Failure Rate	N/A				
Resistance	3.5 Ohms (100kHz 25C)				
Ripple Current	156 mA (rms, 100kHz 25C)				
Leakage Current	0.7 uA (5min 25°C)				

Click	here	for	the	3D	model.
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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				
Packaging	T&R, 330mm			
Packaging Quantity	8000			

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