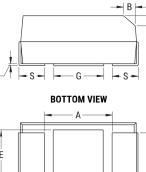


T491A106M010ATAUT07280

T491 Auto, Tantalum, MnO2 Tantalum, 10 uF, 20%, 10 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 3.8 Ohms, 3216, Height Max = 1.8mm

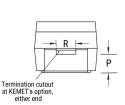
CATHODE (-) END VIEW

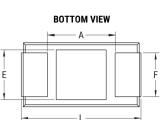




SIDE VIEW

ANODE (+) END 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	58.6 mg

Specifications	
Capacitance	10 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	3.8 Ohms (100kHz 25C)
Ripple Current	140 mA (rms, 100kHz 25C)
Leakage Current	1 uA (5min 25°C)

Click here for the 3D mod

Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	1.6mm +/-0.2mm	
т	0.13mm REF	
S	0.8mm +0.2/-0.3mm	
F	1.2mm +/-0.1mm	
А	1.2mm MIN	
В	0.4mm +/-0.15mm	
E	1.3mm REF	
G	1.1mm REF	
Р	0.4mm REF	
R	0.4mm REF	
Х	0.1mm +/-0.1mm	

Т

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	9000

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