

## T489A106K010ATA2K2

T489 Auto, Tantalum, MnO2 Tantalum, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 2.2 Ohms, 3216, 1.8mm

## CATHODE (-) END VIEW SIDE VIEW Termination cutout at KEMET's option, either end ANODE (+) END VIEW BOTTOM VIEW Glue pad shape/design at s

KEMET's option

Click here for the 3D model.

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 +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
В	0.4mm +/-0.15mm
Е	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Χ	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

General Information	
Series	T489 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200
Features	Low Leakage, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	58.6 mg

Specifications	
Capacitance	10 uF
Capacitance Tolerance	10%
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
ESR	2200 mOhms (100kHz 25C)
Ripple Current	185 mA (rms, 100kHz 25C)
Leakage Current	0.8 uA (5min 25°C)

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