

T489A106K010ATA2K2

General Information

T489 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 2.2 Ohms, 3216, 1.8 mm, 0.8 mm

CATHODE (-) END VIEW



SIDE VIEW



Dimensions

L

W

н

т s

F

А

В

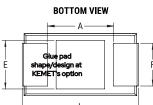
E G

Р

R

Х

ANODE (+) END VIEW



3.2mm +/-0.2mm

1.6mm +/-0.2mm 1.6mm +/-0.2mm

0.8mm +/-0.3mm

1.2mm +/-0.1mm

0.4mm +/-0.15mm

0.1mm +/-0.1mm REF

0.13mm REF

1.2mm MIN

1.3mm REF

1.1mm REF

0.4mm REF

0.4mm REF

Click here for the 3D model.

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
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)

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

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