

T489D336K025ATA590

T489 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 33 uF, 10%, 25 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 590 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW



SIDE VIEW



Dimensions

L

W

н

т s

F

А

В

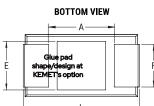
E G

Ρ

R

Х

ANODE (+) END VIEW



7.3mm +/-0.3mm

4.3mm +/-0.3mm 2.8mm +/-0.3mm

1.3mm +/-0.3mm

2.4mm +/-0.1mm

0.5mm +/-0.15mm

0.1mm +/-0.1mm REF

0.13mm REF

3.8mm MIN

3.5mm REF

3.5mm REF

0.9mm REF

1mm REF

Click here for the 3D model.

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	446.844 mg

Specifications	
Capacitance	33 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	590 mOhms (100kHz 25C)
Ripple Current	504 mA (rms, 100kHz 25C)
Leakage Current	6.2 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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