

T495B476M010ATA650

General Information

Series

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 650 mOhms, 3528, 2.1 mm, 0.8 mm

CATHODE (-) END VIEW



SIDE VIEW



Dimensions

L

W

н

т s

F

А

В

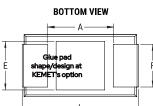
E G

Р

R

Х

ANODE (+) END VIEW



3.5mm +/-0.2mm

2.8mm +/-0.2mm 1.9mm +/-0.2mm

0.8mm +0.1/-0.3mm

2.2mm +/-0.1mm

0.4mm +/-0.15mm

0.1mm +/-0.1mm REF

0.13mm REF

1.9mm MIN

2.2mm REF

1.8mm REF

0.5mm REF

1mm REF

Click here for the 3D model.

Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200
Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	107.45 mg

T495 Auto

Specifications	
Capacitance	47 uF
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
ESR	650 mOhms (100kHz 25C)
Ripple Current	362 mA (rms, 100kHz 25C), 325.8 mA (rms, 85C), 144.8 mA (rms, 125C)
Leakage Current	4.7 uA (5min 25°C)

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

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