

T495D476M025ATA120

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 20%, 25 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 120 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

Dimensions

L

W

Н

т s

F

A B

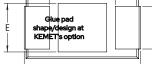
E G

Р

R

Х

SIDE VIEW



7.3mm +/-0.3mm

4.3mm +/-0.3mm

2.8mm +/-0.3mm 0.13mm REF

1.3mm +/-0.3mm

2.4mm +/-0.1mm 3.6mm MIN

0.5mm +/-0.15mm

0.1mm +/-0.1mm REF

3.5mm REF

3.5mm REF

0.9mm REF

1mm REF

Click here for the 3D model.

General Information	
Series	T495 Auto
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	446.84 mg

Specifications	
Capacitance	47 uF
Tolerance	20%
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	120 mOhms (100kHz 25C)
Ripple Current	1118 mA (rms, 100kHz 25C), 1006.2 mA (rms, 85C), 447.2 mA (rms, 125C)
Leakage Current	11.8 uA (5min 25°C)

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

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