

T495A225M016ATA6K5

General Information

Series

Style

Dielectric

Description

Features

RoHS

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 2.2 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 6.5 Ohms, 3216, 1.8 mm, 0.8 mm

T495 Auto

SMD Chip

Yes

Tin

Yes

58.6 mg

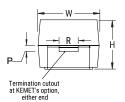
AEC-Q200

MnO2 Tantalum

SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200

Low ESR, Automotive

CATHODE (-) END VIEW



ANODE (+) END VIEW

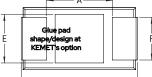
Dimensions

L W н Т s F А В Е G Р

R Х

B - S G -S BOTTOM VIEW — A — —

SIDE VIEW



Glue pad shape/design at KEMETs option Click here for the 3D model.	Termination Qualifications AEC-Q200 Typical Component Weight
	Specifications
3.2mm +/-0.2mm	Capacitance
1.6mm +/-0.2mm	Tolerance
1.6mm +/-0.2mm	Voltage DC
0.13mm REF	Temperature Range
0.8mm +0.2/-0.3mm	Rated Temperature
1.2mm +/-0.1mm	Dissipation Factor
1.2mm MIN	Failure Rate
0.4mm +/-0.15mm	ESR
1.3mm REF	Ripple Current
1.1mm REF	
0.4mm REF	Leakage Current

Capacitance	2.2 uF
Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	6500 mOhms (100kHz 25C)
Ripple Current	107 mA (rms, 100kHz 25C), 96.3 mA (rms, 85C), 42.8 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

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

0.4mm REF

0.1mm +/-0.1mm REF

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