

## T495A685K010ATA2K0

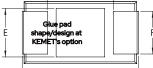
T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 6.8 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 1.8 Ohms, 3216, 1.8 mm, 0.8 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

SIDE VIEW



Click here for the 3D model.

## Dimensions

Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
н	1.6mm +/-0.2mm
т	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
Α	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Х	0.1mm +/-0.1mm REF

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	58.6 mg

Specifications	
Capacitance	6.8 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	1800 mOhms (100kHz 25C)
Ripple Current	204 mA (rms, 100kHz 25C), 183.6 mA (rms, 85C), 81.6 mA (rms, 125C)
Leakage Current	0.7 uA (5min 25°C)

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

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