

## T495A225K016ATA6K5

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 6.5 Ohms, 3216, 1.8 mm, 0.8 mm

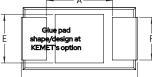
CATHODE (-) END VIEW



ANODE (+) END VIEW

НB - S -— G -- S BOTTOM VIEW – A –

SIDE VIEW



	E shape/design at F	
	KEMET soption	AEC-Q20
†∕—x		Typical C
Click	chere for the 3D model.	
Dimensions		Specifica
L	3.2mm +/-0.2mm	Capacita
W	1.6mm +/-0.2mm	Tolerance
н	1.6mm +/-0.2mm	Voltage I
Т	0.13mm REF	Tempera
S	0.8mm +0.2/-0.3mm	Rated Te
F	1.2mm +/-0.1mm	Dissipatio
A	1.2mm MIN	Failure R
В	0.4mm +/-0.15mm	ESR
E	1.3mm REF	Ripple C
G	1.1mm REF	
Ρ	0.4mm REF	Leakage
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	2.2 uF
Tolerance	10%
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

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