

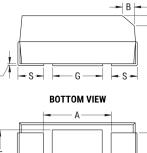
## T496C685M025ATE2K0

T496, Tantalum, MnO2 Tantalum, Fused, 6.8 uF, 20%, 25 VDC, SMD, MnO2, Molded, Fused, N/A, 2 Ohms, 6032, Height Max = 2.8mm

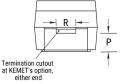
**CATHODE (-) END VIEW** 

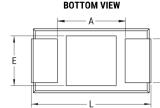


ANODE (+) END VIEW



SIDE VIEW





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Click here	for the	3D model.
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Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

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

General Information	
Series	T496
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Fused
Features	Integral Fuse
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	6% 120Hz 25C
Failure Rate	N/A
Resistance	2000 mOhms (100kHz 25C)
Ripple Current	235 mA (rms, 100kHz 25C), 211.5 mA (rms, 85C), 94 mA (rms, 125C)
Leakage Current	1.7 uA (5min 25°C)

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>>KEMET(基美)