

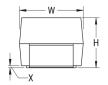
T491A685K016AG

T491, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 16 VDC, SMD, MnO2, Molded, 3.5 Ohms, 3216, Height Max = 1.8mm

CATHODE (-) END VIEW

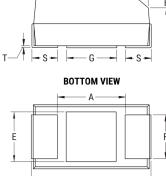


B



ANODE (+) END VIEW

Ρ



	/
Fermination	cutout
at KEMET's	ontion

at KEMET's option, either end

Click here for the 3D model.

Dimensions	
Footprint	3216
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
А	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

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

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	Yes
Termination	Gold
AEC-Q200	No
Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	6.8 uF
Capacitance 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
Resistance	3.5 Ohms (100kHz 25C)
Ripple Current	146 mA (rms, 100kHz 25C), 131.4 mA (rms, 85C), 58.4 mA (rms, 125C)
Leakage Current	1.1 uA (5min 25°C)

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