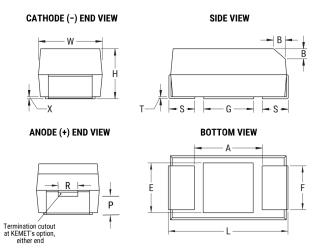


## T490A686M006ATE1K0

T490, Tantalum, MnO2 Tantalum, Consumer, 68 uF, 20%, 6 VDC, SMD, MnO2, Molded, Consumer, 10hms, 3216, Height Max = 1.8mm



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
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
Χ	0.1mm +/-0.1mm

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

General Information	
Series	T490
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Consumer
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	68 uF
Capacitance Tolerance	20%
Voltage DC	6 VDC (40C), 3 VDC (85C), 1.2 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	40°C
Humidity	40C, 93% RH, 1000 Hours, No Load
Failure Rate	N/A
Resistance	1 Ohms (100kHz 25C)
Ripple Current	274 mAmps (100kHz 25C), 246.6 mAmps (40C), 109.6 mAmps (125C)
Leakage Current	4.1 uA (5min 25°C)

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