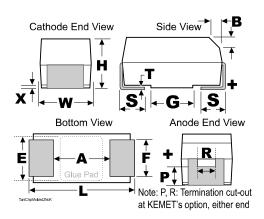
KEMET Part Number: T491C686K006AT

(B45196H1686K309)



Capacitor, Tantalum, SMD, MnO2, Molded, 68 uF, 6032, +/-10% Tol, 6.3 VDC (85C)



Dimensions (mm)			
Dimension	Tolerance		
6	+/-0.3		
3.2	+/-0.3		
2.5	+/-0.3		
2.2	+/-0.1		
1.3	+/-0.3		
0.5	+/-0.15		
0.1	+/-0.1		
0.9	REF		
1	REF		
0.13	REF		
2.9	MIN		
	Dimension 6 3.2 2.5 2.2 1.3 0.5 0.1 0.9 1 0.13		

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	500

2.8

2.4

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General Information	
Supplier:	KEMET
Application:	General Purpose
Part Type Description:	SMD, MnO2, Molded
Construction:	Standard Chip-MnO2
Body Type:	SMD Chip
Footprint:	6032
Weight:	224.48 mg
RoHS:	Yes

Specifications	
Capacitance:	68 uF
Tolerance:	+/-10%
Voltage:	6.3 VDC (85C)
Voltage:	4.22 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	303 mAmps (25C)
Current/Ripple Current:	272.7 mAmps (85C)
Current/Ripple Current:	121.2 mAmps (125C)
Resistance/ESR:	1.2 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	4.3 uA
Dissipation Factor:	6%

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REF

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