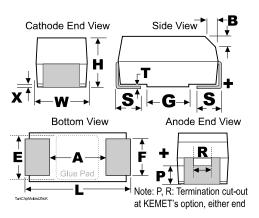
KEMET Part Number: T491B686M006AT

(B45196H1686M209)



Tantalum, MnO2 Tantalum, T491, 68 uF, 20%, 6.3 V, 3528, SMD, MnO2, Molded, 900 mOhms, Height Max = 2.1mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications		
Weight:	107.45 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information		
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Series:	T491	
Description:	SMD, MnO2, Molded	
RoHS:	Yes	
Termination:	Tin	

Specifications		
Capacitance:	68 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)	
Temperature Range:	-55/+125C	
Dissipation Factor:	8% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	0.9 Ohms (100kHz)	
Current:	307 mAmps (100kHz 25C), 276.3 mAmps (85C), 122.8 mAmps (125C)	
Leakage Current:	4.3 uAmps (5min 20C)	

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