

KEMET Part Number: T491B686M006AT
(B45196H1686M209, T491B686M006AS)

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



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Supplier:	KEMET
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%
Failure Rate:	N/A
Resistance:	0.9 Ohms (100kHz)
Current:	307 mAmps (25C), 276.3 mAmps (85C), 122.8 mAmps (125C)
Leakage:	4.3 uAmps

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

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

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