

KEMET Part Number: T491B685K025AT
(B45196H5685K209)

Tantalum, MnO₂ Tantalum, T491, 6.8 uF, 10%, 25 V, 3528, SMD, MnO₂, Molded, 2.8 Ohms, Height Max = 2.1mm



General Information	
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO ₂ , Molded
RoHS:	Yes
Termination:	Tin

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	2.8 Ohms (100kHz)
Current:	174 mAmps (100kHz 25C), 156.6 mAmps (85C), 69.6 mAmps (125C)
Leakage Current:	1.7 uAmps (5min 20C)

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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