

KEMET Part Number: T491D686M016AT
(B45196H3686M409)

Tantalum, MnO2 Tantalum, T491, 68 uF, 20%, 16 V, 7343, SMD, MnO2, Molded, 700 mOhms, Height Max = 3.1mm



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:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.7 Ohms (100kHz)
Current:	463 mAmps (100kHz 25C), 416.7 mAmps (85C), 185.2 mAmps (125C)
Leakage Current:	10.9 uAmps (5min 20C)

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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