

KEMET Part Number: T491X686K020AT
(B45196H4686K509)



Tantalum, MnO2 Tantalum, T491, 68 uF, 10%, 20 V, 7343, SMD, MnO2, Molded, 700 mOhms, Height Max = 4.3mm



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

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.7 Ohms (100kHz)
Current:	486 mAmps (100kHz 25C), 437.4 mAmps (85C), 194.4 mAmps (125C)
Leakage Current:	13.6 uAmps (5min 20C)

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-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	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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