

KEMET Part Number: T510X686K025ATE045
(B45396R5686K509, T510X686K025ASE045)

Tantalum, MnO2 Tantalum, Multi-Anode, KEMET, T510, 68 uF, 10%, 25 V, 7343, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 45 mOhms, 4.3mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Supplier:	KEMET
Series:	T510
Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR
Features:	Multiple Anode, Low ESR
RoHS:	Yes
Termination:	Tin

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	3.8mm 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

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 17 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8%
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz)
Current:	2449 mAmps (25C), 2204.1 mAmps (85C), 979.6 mAmps (125C)
Leakage:	17 uAmps

Packaging Specifications	
Weight:	430.15 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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