

KEMET Part Number: T510X477K006ATE030
(B45396R1477K509)



Tantalum, MnO₂ Tantalum, Multi-Anode, T510, 470 uF, 10%, 6.3 V, 7343, SMD, MnO₂, Molded, Multiple Anodes, Low ESR, 30 mOhms, Height Max = 4.3mm



General Information	
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T510
Description:	SMD, MnO ₂ , Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	30 mOhms (100kHz)
Current:	3000 mAmps (100kHz 25C), 2700 mAmps (85C), 1200 mAmps (125C)
Leakage Current:	29.6 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	3.8mm 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

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

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