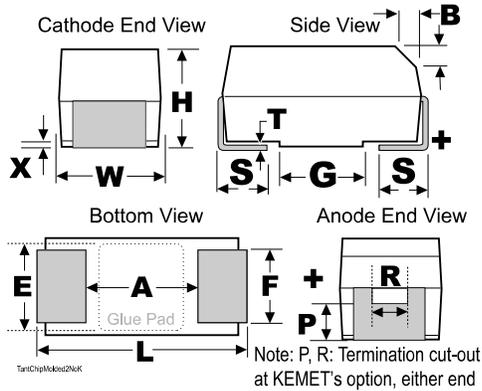


**KEMET Part Number: T510X108K004ATE030**  
(B45396R0108K509)



Tantalum, MnO2 Tantalum, Multi-Anode, T510, 1000 uF, 10%, 4 V, 7343, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 30 mOhms, 4.3mm



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

Specifications	
<b>Capacitance:</b>	1000 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	4 VDC (85C), 2.7 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	6%
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	30 mOhms (100kHz)
<b>Current:</b>	3000 mAmps (25C), 2700 mAmps (85C), 1200 mAmps (125C)
<b>Leakage:</b>	40 uAmps

Dimensions	
<b>Footprint</b>	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	4mm +/-0.3mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.8mm MIN
<b>B</b>	0.5mm +/-0.15mm
<b>E</b>	3.5mm REF
<b>G</b>	3.5mm REF
<b>P</b>	1.7mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

Packaging Specifications	
<b>Weight:</b>	430.15 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

