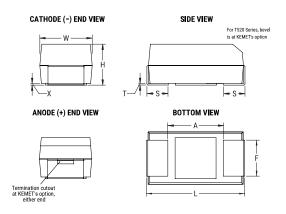
KEMET Part Number: T520H827M010ATE070



T520, Tantalum, Polymer Tantalum, 820 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 70 mOhms, 7360, Height Max = 2mm



Dimensions		
Footprint	7360	
L	7.3mm +/-0.3mm	
W	6mm +/-0.3mm	
Н	1.9mm +/-0.1mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	4.1mm +/-0.1mm	
Α	3.3mm MIN	

Packaging Specifications		
Weight:	384.64 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

0.1mm +/-0.1mm

Χ

General Information		
Supplier:	KEMET	
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	820 uF	
Capacitance Tolerance:	20%	
Voltage DC:	10 VDC (85C)	
Temperature Range:	-55/+85C	
Rated Temperature:	85C	
Dissipation Factor:	20.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	70 mOhms (100kHz 25C)	
Ripple Current:	1200 mA (100kHz 45C), 840 mA (85C)	
Leakage Current:	820 uA (5min 25C)	

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.

