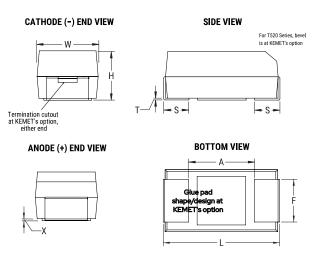


## T520H827M010ATE055

T520, Tantalum, Polymer Tantalum, Commercial Grade, 820 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 55 mOhms, 7360, 2 mm, 1.3 mm



Click	here	for	the	3D	model.
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Dimensions

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			
A	3.3mm MIN			
X	0.1mm +/-0.1mm REF			
Packaging Specifications				
Packaging	T&R, 178mm			
Packaging Quantity	1000			

General Information		
Series	T520	
Dielectric	Polymer Tantalum	
Style	SMD Chip	
Description	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features	Low ESR	
RoHS	Yes	
Termination	Tin	
AEC-Q200	No	
Typical Component Weight	384.64 mg	
Shelf Life	52 Weeks	
MSI	3	

Specifications			
Capacitance	820 uF		
Tolerance	20%		
Voltage DC	10 VDC (85C)		
Temperature Range	-55/+85°C		
Rated Temperature	85°C		
Life	2000 Hrs (85C)		
Humidity	60C, 90% RH, 500 Hours, No Load		
Dissipation Factor	10% 120Hz 25C		
Failure Rate	N/A		
ESR	55 mOhms (100kHz 25C)		
Ripple Current	1800 mA (rms, 100kHz 45C), 1337 mA (rms, 85C)		
Leakage Current	820 uA (5min 25°C)		

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.

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