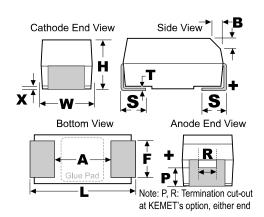
## KEMET Part Number: T520Y477M006ATE018



T520, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 V, SMD, Polymer, Molded, Low ESR, Non-Combustible, 18 mOhms, 7343, Height Max = 4mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	3.8mm +/-0.2mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.8mm MIN	
В	0.5mm +/-0.15mm	
Р	1.7mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications			
Weight:	493.99 mg		
Packaging:	T&R, 178mm		
Packaging Quantity:	500		

General Information		
Supplier:	KEMET	
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	

Specifications		
Capacitance:	470 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	18 mOhms (100kHz 25C)	
Current:	3700 mAmps (100kHz 45C), 2590 mAmps (85C), 925 mAmps (105C)	
Leakage Current:	296.1 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.

