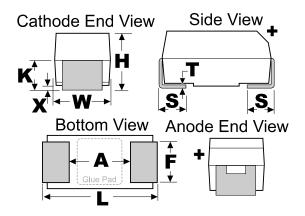
## **KEMET Part Number: T520V477M2R5ATE006**



Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 470 uF, 7343, +/-20% Tol, 2.5 VDC (105C)



General Information		
Supplier:	KEMET	
Application:	Low ESR	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	274.3 mg	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
Н	1.8	+/-0.1
F	2.4	+/-0.1
S	1.3	+/-0.3
Х	0.05	REF
Т	0.13	REF
Α	3.6	MIN

Specifications		
Capacitance:	470 uF	
Tolerance:	+/-20%	
Voltage:	2.5 VDC (105C)	
Temperature Range:	-55/+105C	
Current/Ripple Current:	5600 mAmps (100kHz 45C)	
Current/Ripple Current:	3920 mAmps (85C)	
Current/Ripple Current:	2660 mAmps (105C)	
Resistance/ESR:	6 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	117.5 uA	
Dissipation Factor:	10%	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	1000	

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