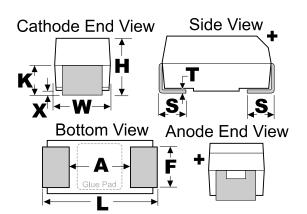
## KEMET Part Number: T520T476M006ATE070

(T520T476M006ASE070, T520T476M6R3ATE070)



Tantalum, Polymer Tantalum, KEMET, T520, 47 uF, 20%, 6.3 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 70 mOhms, 1.2mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.1mm +/-0.1mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
Х	0.05mm REF

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

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Dissipation Factor:	8% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	70 mOhms (100kHz 25C)	
Current:	1200 mAmps (100kHz 45C), 840 mAmps (85C), 570 mAmps (105C)	
Leakage:	29.6 uAmps (5min 5C)	

Packaging Specifications		
Weight:	54.84 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2500	

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