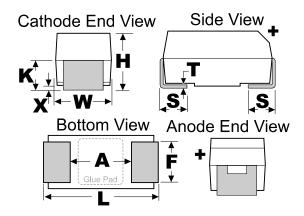
KEMET Part Number: T520M157M006ATE070



Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 150 uF, 3528, +/-20% Tol, -55/+105C, 6.3 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:	3528	
Weight:	97.99 mg	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
Н	1.4	+/-0.1
F	2.2	+/-0.1
S	0.8	+/-0.3
Х	0.05	REF
T	0.13	REF
Α	1.1	MIN

Specifications		
Capacitance:	150 uF	
Tolerance:	+/-20%	
Voltage:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Current/Ripple Current:	1310 mAmps (100kHz 45C)	
Current/Ripple Current:	917 mAmps (85C)	
Current/Ripple Current:	622.3 mAmps (105C)	
Resistance/ESR:	70 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	94.5 uA	
Dissipation Factor:	10%	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2000	

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.

