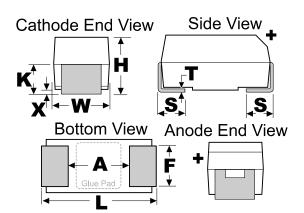
KEMET Part Number: T525T107M2R5ATE080



Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 100 uF, 3528, +/-20% Tol, 2.5 VDC (105C)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	3.5	+/-0.2	
W	2.8	+/-0.2	
Н	1.1	+/-0.1	
F	2.2	+/-0.1	
S	0.8	+/-0.3	
Х	0.05	REF	
т	0.13	REF	
Α	1.9	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2500	

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:	54.84 mg	
RoHS:	Yes	

Specifications		
Capacitance:	100 uF	
Tolerance:	+/-20%	
Voltage:	2.5 VDC (105C)	
Voltage:	1.68 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	1100 mAmps (100kHz 45C)	
Current/Ripple Current:	770 mAmps (85C)	
Current/Ripple Current:	275 mAmps (125C)	
Resistance/ESR:	80 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	25 uA	
Dissipation Factor:	10%	

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