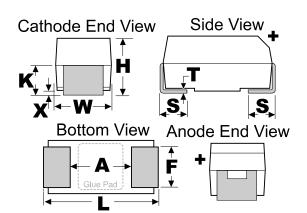
## KEMET Part Number: T525T107M2R5ATE080



Tantalum, Polymer Tantalum, T525, 100 uF, 20%, 2.5 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 80 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	1.1mm MIN	
Х	0.05mm REF	

Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T525
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

**General Information** 

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2.5 VDC (105C), 1.68 VDC (125C)	
Temperature Range:	-55/+125C	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	80 mOhms (100kHz 25C)	
Current:	1100 mAmps (100kHz 45C), 770 mAmps (85C), 275 mAmps (125C)	
Leakage:	25 uAmps (5min 5C)	

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

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