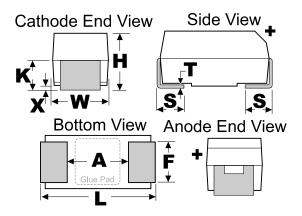
## KEMET Part Number: T521T685M035APE090



Tantalum, Polymer Tantalum, T521, 6.8 uF, 20%, 35 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 90 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	

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

0.05mm REF

Χ

General Information		
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Series:	T521	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR, High Voltage	
RoHS:	Yes	
Termination:	Nickel Palladium Gold	

Specifications		
Capacitance:	6.8 uF	
Capacitance Tolerance:	20%	
Voltage DC:	35 VDC (105C), 23.45 VDC (125C)	
Temperature Range:	-55/+125C	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	90 mOhms (100kHz 25C)	
Current:	1100 mAmps (100kHz 45C), 770 mAmps (85C), 275 mAmps (125C)	
Leakage:	23.8 uAmps (5min 5C)	

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