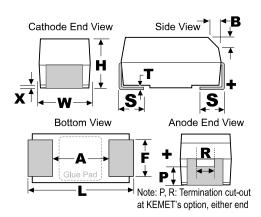
## KEMET Part Number: T525D687M2R5ATE025



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 680 uF, 7343, +/-20% Tol, 2.5 VDC (105C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
Н	2.8	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	0.9	REF
R	1	REF
т	0.13	REF
Α	3.6	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	500	

General Information		
Supplier:	KEMET	
Application:	Low ESR	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	434.83 mg	
RoHS:	Yes	

Specifications		
Capacitance:	680 uF	
Tolerance:	+/-20%	
Voltage:	2.5 VDC (105C)	
Voltage:	1.68 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	3000 mAmps (100kHz 45C)	
Current/Ripple Current:	2100 mAmps (85C)	
Current/Ripple Current:	750 mAmps (125C)	
Resistance/ESR:	25 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	170 uA	
Dissipation Factor:	10%	

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