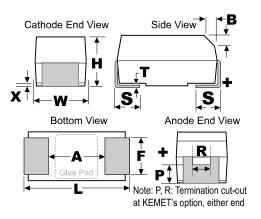
KEMET Part Number: T591D106M050ATE090



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, 10 uF, 7343, +/-20% Tol, 50 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	
X	0.1	+/-0.1	
Р	0.9	REF	
R	1	REF	
Т	0.13	REF	
A	3.8	MIN	

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

General Information		
Supplier:	KEMET	
Application:	Automotive/Low ESR (AEC-Q200 Qualified)	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, Low ESR	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	434.83 mg	
RoHS:	Yes	

Specifications		
Capacitance:	10 uF	
Tolerance:	+/-20%	
Voltage:	50 VDC (105C)	
Voltage:	33.5 VDC (125C)	
Temperature Range:	-55/+125C	
Testing:	AEC-Q200	
Current/Ripple Current:	1581 mAmps (100kHz 45C)	
Current/Ripple Current:	1422.9 mAmps (85C)	
Current/Ripple Current:	395.3 mAmps (125C)	
Resistance/ESR:	90 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	50 uA	
Dissipation Factor:	10%	

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