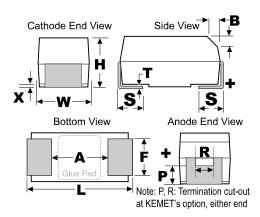
KEMET Part Number: T591B476M010ATE070



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, 47 uF, 3528, +/-20% Tol, 10 VDC (105C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
Н	1.9	+/-0.1
F	2.2	+/-0.1
S	0.8	+/-0.3
В	0.4	+/-0.15
Х	0.1	+/-0.1
Р	0.5	REF
R	1	REF
Т	0.13	REF
Α	1.1	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2000	

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:	3528	
Weight:	94.85 mg	
RoHS:	Yes	

Specifications		
Capacitance:	47 uF	
Tolerance:	+/-20%	
Voltage:	10 VDC (105C)	
Voltage:	6.7 VDC (125C)	
Temperature Range:	-55/+125C	
Testing:	AEC-Q200	
Current/Ripple Current:	1347 mAmps (100kHz 45C)	
Current/Ripple Current:	1212.3 mAmps (85C)	
Current/Ripple Current:	336.8 mAmps (125C)	
Resistance/ESR:	70 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	47 uA	
Dissipation Factor:	8%	

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