KEMET Part Number: T520B106M016ATE100



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 10 uF, 3528, +/-20% Tol, -55/+105C, 16 VDC (105C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
Н	1.9	+/-0.2
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
A	1.9	MIN

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

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:	3528	
Weight:	94.85 mg	
RoHS:	Yes	

Specifications		
Capacitance:	10 uF	
Tolerance:	+/-20%	
Voltage:	16 VDC (105C)	
Temperature Range:	-55/+105C	
Current/Ripple Current:	1100 mAmps (100kHz 45C)	
Current/Ripple Current:	770 mAmps (85C)	
Current/Ripple Current:	522.5 mAmps (105C)	
Resistance/ESR:	100 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	16 uA	
Dissipation Factor:	8%	
Miscellaneous:	Not recommended for new designs. Please use the T521 version of this part.	

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