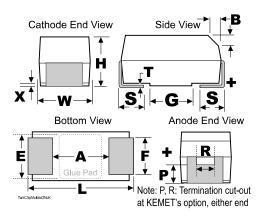
KEMET Part Number: T491B105K050AT



Capacitor, Tantalum, SMD, MnO2, Molded, 1 uF, 3528, +/-10% Tol, -55/+125C, 50 VDC (85C)



Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	SMD, MnO2, Molded	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	3528	
Weight:	107.45 mg	
RoHS:	Yes	

General Information

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	+0.2/-0.3	
В	0.4	+/-0.15	
Х	0.1	+/-0.1	
Р	0.5	REF	
R	1	REF	
Т	0.13	REF	
Α	1.9	MIN	
G	1.8	REF	
Е	2.2	REF	

Specifications		
Capacitance:	1 uF	
Tolerance:	+/-10%	
Voltage:	50 VDC (85C)	
Voltage:	33.5 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	119 mAmps (25C)	
Current/Ripple Current:	107.1 mAmps (85C)	
Current/Ripple Current:	47.6 mAmps (125C)	
Resistance/ESR:	6 Ohms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	0.5 uA	
Dissipation Factor:	6%	

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

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