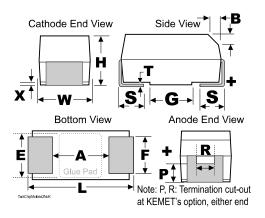
## **KEMET Part Number: T494C105K050AT**



## Capacitor, Tantalum, SMD, MnO2, Molded, Low ESR, 1 uF, 6032, +/-10% Tol, -55/+125C, 50 VDC (85C)



General Information		
Supplier:	KEMET	
Application:	Low ESR	
Part Type Description:	SMD, MnO2, Molded, Low ESR	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	6032	
Weight:	224.48 mg	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
Н	2.5	+/-0.3
F	2.2	+/-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
A	2.9	MIN
G	2.8	REF
Е	2.4	REF

Specifications		
Capacitance:	1 uF	
Tolerance:	+/-10%	
Voltage:	50 VDC (85C)	
Voltage:	33.5 VDC (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	262 mAmps (25C)	
Current/Ripple Current:	235.8 mAmps (85C)	
Current/Ripple Current:	104.8 mAmps (125C)	
Resistance/ESR:	1.6 Ohms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	0.5 uA	
Dissipation Factor:	4%	

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

