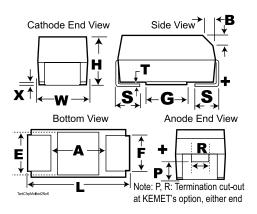
## KEMET Part Number: T491B105K025AT



## Capacitor, Tantalum, SMD, MnO2, Molded, 1 uF, 3528, +/-10% Tol, 25 V (85C)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	3.50	+/-0.2	
W	2.80	+/-0.2	
Н	1.90	+/-0.2	
F	2.20	+/-0.1	
S	0.80	+/-0.3	
В	0.40	+/-0.15	
Х	0.10	+/-0.1	
Р	0.50	REF	
R	1.00	REF	
Т	0.13	REF	
Α	2.10	MIN	
G	1.80	REF	
E	2.20	REF	

N I	-+	١
IN	ntes	

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple anode

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

Specifications		
Capacitance:	1 uF	
Tolerance:	+/-10%	
Voltage:	25 V (85C)	
Voltage:	16.75V (125C)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	130 mA (25C)	
Current/Ripple Current:	117 mA (85C)	
Current/Ripple Current:	52 mA (125C)	
Resistance/ESR:	5 Ohms (100kHz)	
Failure Rate:	NA	
Leakage Current:	0.5 uA	
Dissipation Factor:	4%	

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

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.

