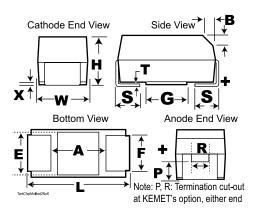
KEMET Part Number: T491A105K016AT



Capacitor, Tantalum, SMD, MnO2, Molded, 1 uF, 3216, +/-10% Tol, 16V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/- 0.2
W	1.6	+/- 0.2
Н	1.6	+/- 0.2
F	1.2	+/- 0.1
S	0.8	+/- 0.3
В	0.4	+/- 0.15
Х	0.1	+/- 0.1
Р	0.4	REF
R	0.4	REF
Т	0.13	REF
Α	1.4	MIN
G	1.1	REF
E	1.3	REF

Notes:

-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 construction T510 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode T525, KM = Multiple anode organic cathode T530, FD= Organic cathode face down terminals T528.

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MnO2, Molded	
Construction:	Standard Chip-MnO2	

Specifications		
Capacitance:	1 uF	
Voltage DC @ 85C:	16V	
Voltage DC @ 105C:	13.36V	
Voltage DC @ 125C:	10.72V	
Tolerance:	+/-10%	
Application:	General Purpose	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	10 Ohm	
Footprint:	3216	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	0.5 uA	
Dissipation Factor:	4%	
Ripple @ 25C:	0.087 A	
Ripple @ 85C:	0.078 A	
Ripple @ 105C:	0.057 A	
Ripple @ 125C:	0.035 A	

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.

