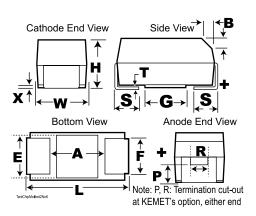
KEMET Part Number: T543B107M006AHW025



Capacitor, Tantalum, 100 uF, 3528, +/-20% Tol, 6.3V@85C, Failure Rate=A



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
Α	2.1	MIN
G	1.8	REF
E	2.2	REF

NI	otoc	
I۷	ULES	

-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	
Construction:	Standard Chip-Polymer	
Testing:	10 cycles surge current testing at -55C and +85C	

Specifications		
Capacitance:	100 uF	
Voltage DC @ 85C:	6.3V	
Voltage DC @ 105C:	6.3V	
Tolerance:	+/-20%	
Application:	Military COTS/Upscreened/Low ESR	
Body Type:	Molded Chip	
ESR:	25 mOhm	
Temperature Range:	-55/+105C	
Footprint:	3528	
Termination:	Solder Coated	
Leakage Current:	63 uA	
Dissipation Factor:	8%	
Ripple @ 25C:	2.254 A	
Ripple @ 85C:	1.5778 A	
Ripple @ 105C:	0.5635 A	

Packaging Specifications		
Package Kind:	T&R	
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.



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B45197-A2157-M509 B45197A5226M409 CWR09JC105KCB\M100 CWR11CH107KBA TCSCS1A336KBAR 419-2060-501 B45196-H5106-K309 B45196-H6226-K509 CWR29JC106KBEZ T83D475K050RCCL 591D158X06R3R2T20H M39006/22-0640H M39003/01-2596 TCSCS1A476KBAR T83E107K016RCCL T83D685K035RCCL 293D475X0035B2DE3 TMCMB1C475KTRF 293D155X9020A2DE3 298W476X06R3M2T 298W107X0004M2T CWR29NC225KDFC CWR29KC156KDHC\100 CWR29HH155KCBB 293D476X9035E2TE3 CWR29KC226JCGC T513X227K016BH4585 T97H107M040HSA 595D686X9010B2T T25D337M016CSZ 591D156X9025R8T15H 594D686X9016C2T 595D106X0025C8T CWR29DC226KBDA\TR CWR29FC106KBBA\TR CWR29FC686KBGA\TR CWR29FC157KBXA\TR CWR29HC105KBAA\TR CA55-B6R3M107T CA55-E025M107T TC212B475K035Y TAZH685K035LBSB0824 TAZG107K010LBSB0800 TAZH475K050LBSB0H23 TAZH156K025CBSZ0824 TBJD156K025CBSZ0824 TMCSA1V154MTRF TMCSA0J225MTRF TMCSA1A155MTRF TMCSA1D684MTRF