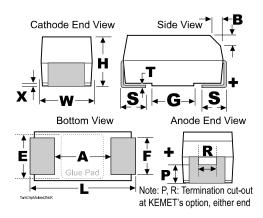
KEMET Part Number: T543B107M006ATW025



Capacitor, Tantalum, 100 uF, 3528, +/-20% Tol, 6.3 VDC (105C), Failure Rate=A



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
Н	1.9	+/-0.1
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
A	1.1	MIN
G	1.8	REF
E	2.2	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

General Information		
Supplier:	KEMET	
Application:	Military COTS/Upscreened/Low ESR (Non-ER)	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, COTS, Up Screening	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	3528	
Weight:	98.3 mg	
RoHS:	Yes	

Specifications		
Capacitance:	100 uF	
Tolerance:	+/-20%	
Voltage:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Testing:	10 Cycles Surge Current Testing At -55C And +85C	
Current/Ripple Current:	2254 mAmps (100kHz 45C)	
Resistance/ESR:	25 mOhms (100kHz)	
Failure Rate:	A	
Leakage Current:	63 uA	
Dissipation Factor:	8%	

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

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