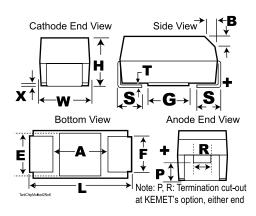
KEMET Part Number: T543X158M003AHW008



Capacitor, Tantalum, 1500 uF, 7343, +/-20% Tol, 3V@85C, Failure Rate=A



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
Н	4	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	1.7	REF
R	1	REF
Т	0.13	REF
Α	3.8	MIN
G	3.5	REF
E	3.5	REF

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

Specifications		
Capacitance:	1500 uF	
Voltage DC @ 85C:	3V	
Voltage DC @ 105C:	3V	
Tolerance:	+/-20%	
Application:	Military COTS/Upscreened/Low ESR	
Body Type:	Molded Chip	
ESR:	8 mOhm	
Temperature Range:	-55/+105C	
Footprint:	7343	
Termination:	Solder Coated	
Leakage Current:	450 uA	
Dissipation Factor:	10%	
Ripple @ 25C:	5.557 A	
Ripple @ 85C:	3.8899 A	
Ripple @ 105C:	1.3892 A	

Packaging Specifications		
Package Kind:	T&R	
Package Quantity:	500	

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, H2 = 200C rated T50

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