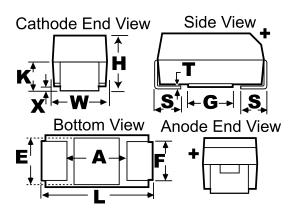
KEMET Part Number: T521V476M020ATE055



Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 47 uF, 7343, +/-20% Tol, 20V@85C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.3	+/-0.3	
W	4.3	+/-0.3	
Н	2	MAX	
F	2.4	+/-0.1	
S	1.3	+/-0.3	
Х	0.05	REF	
Т	0.13	REF	
Α	3.8	MIN	
G	3.5	REF	
E	3.5	REF	

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard 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, Polymer, Molded, Low Profile/ESR, Non-Combustible	
Construction:	Standard Chip-Polymer	

Specifications		
Capacitance:	47 uF	
Voltage DC @ 85C:	20V	
Voltage DC @ 105C:	20V	
Voltage DC @ 125C:	13.4V	
Tolerance:	+/-20%	
Application:	General Purpose/Low ESR	
Temperature Range:	-55/+125C	
Body Type:	Molded Chip	
ESR:	55 mOhm	
Footprint:	7343	
Termination:	Tin	
RoHS:	Yes	
Leakage Current:	94 uA	
Dissipation Factor:	10%	
Ripple @ 25C:	1.8 A	
Ripple @ 85C:	1.26 A	
Ripple @ 105C:	0.855 A	
Ripple @ 125C:	0.45 A	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Quantity:	1000	

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