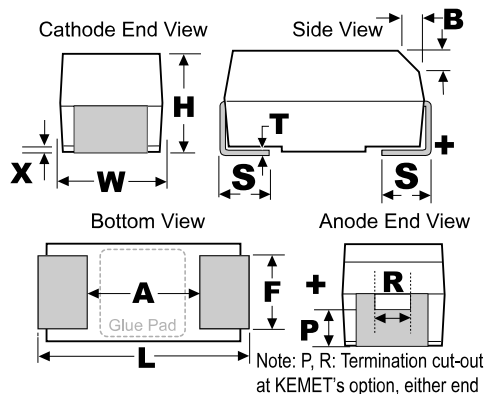


**KEMET Part Number: T520A107M006ATE070**  
(T520A107M006ASE070, T520A107M6R3ATE070)

Tantalum, Polymer Tantalum, KEMET, T520, 100 uF, 20%, 6.3 V, 3216, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, 1.8mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Supplier:	KEMET
Series:	T520
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Current:	1035 mAmps (100kHz 45C), 724.5 mAmps (85C), 491.6 mAmps (105C)
Leakage:	63 uAmps (5min 5C)

Packaging Specifications	
Weight:	53.16 mg
Packaging:	T&R, 178mm
Packaging 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.