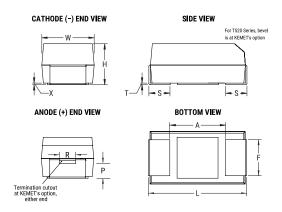
## KEMET Part Number: T520A107M006ATE035



T520, Tantalum, Polymer Tantalum, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 35 mOhms, 3216, Height Max = 1.8mm



Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	1.6mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	1.2mm +/-0.1mm	
Α	1.2mm MIN	
Р	0.4mm REF	
R	0.4mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	53.16 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information		
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	8% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	35 mOhms (100kHz 25C)	
Ripple Current:	1500 mA (rms, 100kHz 45C), 1050 mA (rms, 85C), 375 mA (rms, 105C)	
Leakage Current:	63 uA (5min 25°C)	

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