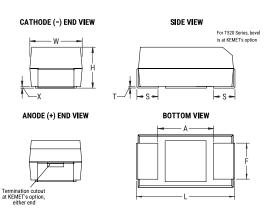
## KEMET Part Number: T520T156M006ATE100



T520, Tantalum, Polymer Tantalum, 15 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 100 mOhms, 3528, Height Max = 1.2mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.1mm +/-0.1mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	1.9mm MIN	
Х	0.05mm REF	

Packaging Specifications		
Weight:	54.84 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	3000	

General Information		
Supplier:	KEMET	
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	15 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	100 mOhms (100kHz 25C)
Ripple Current:	1000 mA (100kHz 45C), 700 mA (85C), 250 mA (105C)
Leakage Current:	9.5 uA (5min 25C)

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