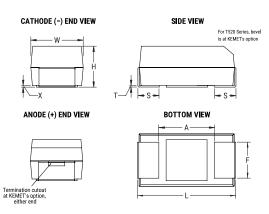
KEMET Part Number: T520T106M12RATE150



T520, Tantalum, Polymer Tantalum, 10 uF, 20%, 12.5 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 150 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		
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	12.5 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:	150 mOhms (100kHz 25C)
Ripple Current:	800 mA (rms, 100kHz 45C), 560 mA (rms, 85C), 200 mA (rms, 105C)
Leakage Current:	12.5 uA (5min 25°C)

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