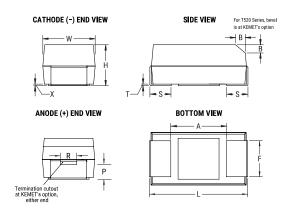
KEMET Part Number: T520D108M2R5AHE009



T520, Tantalum, Polymer Tantalum, 1,000 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 9 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
A	3.6mm MIN	
В	0.5mm +/-0.15mm	
Р	0.9mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	434.83 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features:	Low ESR	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Solder Coated	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	1,000 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	9 mOhms (100kHz 25C)
Ripple Current:	5000 mA (rms, 100kHz 45C), 3500 mA (rms, 85C), 1250 mA (rms, 105C)
Leakage Current:	250 uA (5min 25°C)

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