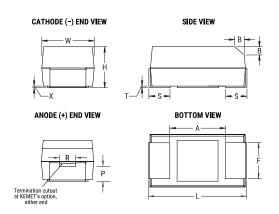
KEMET Part Number: T525D107M010ATE055



T525, Tantalum, Polymer Tantalum, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 55 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	
Α	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:	T525	
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:	10 VDC (105C), 6.7 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 1000 Hours, No Load	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	55 mOhms (100kHz 25C)	
Ripple Current:	2000 mA (rms, 100kHz 45C), 1400 mA (rms, 85C), 500 mA (rms, 125C)	
Leakage Current:	100 uA (5min 25°C)	

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