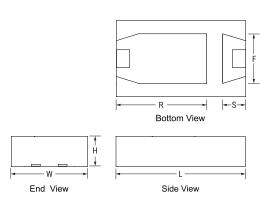
KEMET Part Number: T528Z157M006ATE007



T528, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 7 mOhms, 7343, Height Max = 1.7mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.4mm
W	4.3mm +/-0.3mm
Н	1.6mm +/-0.1mm
S	1.3mm +/-0.2mm
F	2.8mm +/-0.2mm
R	5mm +/-0.4mm

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Series:	T528	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Low ESR, NonCombustible, Face Down	
Features:	Face Down, Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	206.33 mg	
Shelf Life:	52 Weeks	
MSL:	3	

0 :0		
Specifications		
Capacitance:	150 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, no load, 500 Hours	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	7 mOhms (100kHz 25C)	
Ripple Current:	6800 mA (rms, 100kHz 45C), 4760 mA (rms, 85C), 1700 mA (rms, 105C)	
Leakage Current:	94.5 uA (5min 25°C)	

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