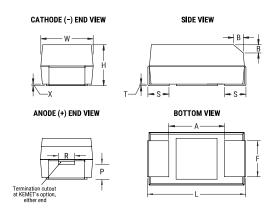
## KEMET Part Number: T598D157M006ATE045



T598, Tantalum, Polymer Tantalum, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 45 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	3.8mm MIN	
В	0.5mm +/-0.15mm	
Р	0.9mm REF	
R	1mm REF	
X	0.1mm +/-0.1mm	

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

General Information		
Series:	T598	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200	
Features:	Automotive	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C), 4.2 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz 25C)
Ripple Current:	2236 mA (rms, 100kHz 45C), 2012.4 mA (rms, 85C), 559 mA (rms, 125C)
Leakage Current:	94.5 uA (5min 25°C)

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