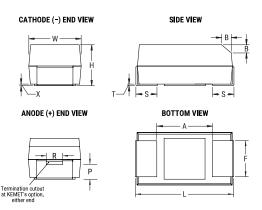
## KEMET Part Number: T599D157M006ATE045



T599, 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
Х	0.1mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T599	
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	
Component Weight:	434.83 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	150 uF	
Capacitance Tolerance:	20%	
Temperature Range:	-55/+150°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:	3160 mA (rms, 100kHz 45C), 2212 mA (rms, 125C), 790 mA (rms, 150C)	
Leakage Current:	94.5 uA (5min 25°C)	

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