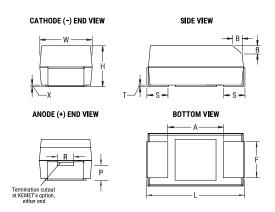
## KEMET Part Number: T599B686M004ATE070



T599, Tantalum, Polymer Tantalum, 68 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 70 mOhms, 3528, Height Max = 2.1mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.1mm MIN
В	0.4mm +/-0.15mm
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Weight:	94.85 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	20%
Voltage DC:	4 VDC (105C), 2.68 VDC (150C)
Temperature Range:	-55/+150°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Ripple Current:	1390 mA (rms, 100kHz 45C), 973 mA (rms, 125C), 347.5 mA (rms, 150C)
Leakage Current:	27.2 uA (5min 25°C)

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