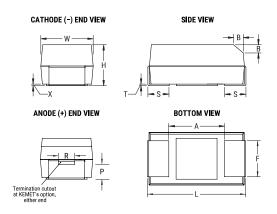
## KEMET Part Number: T598B107M2R5ATE055



T598, Tantalum, Polymer Tantalum, 100 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 55 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	
Α	1.1mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	
R	1mm REF	
X	0.1mm +/-0.1mm	

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

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:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C), 1.67 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	55 mOhms (100kHz 25C)
Ripple Current:	1520 mA (rms, 100kHz 45C), 1368 mA (rms, 85C), 380 mA (rms, 125C)
Leakage Current:	25 uA (5min 25°C)

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