

## T599B107K2R5ATE055

T599, Tantalum, Polymer Tantalum, 100 uF, 10%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 55 mOhms, 3528, Height Max = 2.1mm

## CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click here for the 3D mod
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3528
3.5mm +/-0.2mm
2.8mm +/-0.2mm
1.9mm +/-0.2mm
0.13mm REF
0.8mm +/-0.3mm
2.2mm +/-0.1mm
1.1mm MIN
0.4mm +/-0.15mm
0.5mm REF
1mm REF
0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

General Information	
Series	T599
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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	94.9 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	2.5 VDC (105C)
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	55 mOhms (100kHz 25C)
Ripple Current	1570 mA (rms, 100kHz 45C), 1099 mA (rms, 125C), 392.5 mA (rms, 150C)
Leakage Current	25 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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