

T598V107M010AHS025

T598, Tantalum, Polymer Tantalum, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 25 mOhms, 7343, Height Max = 2mm

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

Click	here	for	the	3D	model.
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Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.9mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
X	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

General Information		
Series	T598	
Dielectric	Polymer Tantalum	
Style	SMD Chip	
Description	SMD, Polymer, Molded, Low ESR, AEC-Q200	
Features	Automotive (Surge testing at 25C / 10 cycles)	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340	
Termination	Solder Coated	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Component Weight	274.3 mg	
Shelf Life	52 Weeks	
MSL	3	

Specifications	
Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (105C), 6 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	25 mOhms (100kHz 25C)
Ripple Current	4000 mA (rms, 100kHz 45C), 2800 mA (rms, 105C), 1000 mA (rms, 125C)
Leakage Current	100 uA (5min 25°C)

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