

## T598D106M050AHS090

T598, Tantalum, Polymer Tantalum, 10 uF, 20%, 50 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 90 mOhms, 7343, Height Max = 3.1mm

## **CATHODE (-) END VIEW SIDE VIEW**

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ANODE (+) END VIEW	BOTTOM VIEW
Termination cutout at KEMET's option, either end  Click here for the 3D model.	

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7343
7.3mm +/-0.3mm
4.3mm +/-0.3mm
2.8mm +/-0.3mm
0.13mm REF
1.3mm +/-0.3mm
2.4mm +/-0.1mm
3.8mm MIN
0.5mm +/-0.15mm
0.9mm REF
1mm REF
0.1mm +/-0.1mm

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

General Information	1
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.
Termination	Solder Coated
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	10 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (105C), 33.5 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	90 mOhms (100kHz 25C)
Ripple Current	2240 mA (rms, 100kHz 45C), 1568 mA (rms, 105C), 560 mA (rms, 125C)
Leakage Current	50 uA (5min 25°C)

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