

## T598V106M035AHS120

T598, Tantalum, Polymer Tantalum, 10 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 120 mOhms, 7343, Height Max = 2mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



Click [here](#) for the 3D model.

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	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	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
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	10 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (105C), 18.9 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	120 mOhms (100kHz 25C)
Ripple Current	1830 mA (rms, 100kHz 45C), 1281 mA (rms, 105C), 457.5 mA (rms, 125C)
Leakage Current	35 uA (5min 25°C)

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