

T598D227M010AHS040

T598, Tantalum, Polymer Tantalum, 220 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 40 mOhms, 7343, Height Max = 3.1mm

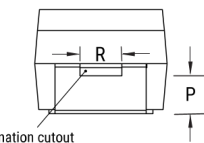
CATHODE (-) END VIEW



SIDE VIEW

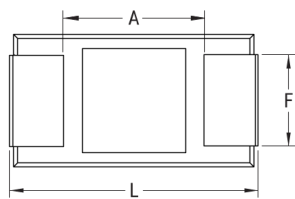


ANODE (+) END VIEW



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	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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

Specifications

Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (105C), 6.7 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	40 mOhms (100kHz 25C)
Ripple Current	3350 mA (rms, 100kHz 45C), 2345 mA (rms, 105C), 837.5 mA (rms, 125C)
Leakage Current	220 uA (5min 25°C)

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