

## T598D227M010AHS025

**General Information** 

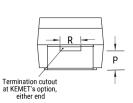
T598, Tantalum, Polymer Tantalum, 220 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 25 mOhms, 7343, Height Max = 3.1mm

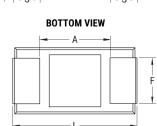
CATHODE (-) END VIEW



SIDE VIEW

ANODE (+) END VIEW





DielectricPolymer TantalumStyleSMD ChipDescriptionSMD, Polymer, Molded, Low ESR, AEC-Q200FeaturesAutomotive (Surge testing at 25C / 10 cycles)RoHSNoProp 65MARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.SCIP Numberb064b03e-bd75-42af-b342-1fe94dec2340TerminationSolder CoatedQualificationsAEC-Q200AEC-Q200YesComponent Weight434.8 mgShelf Life52 Weeks	Series	Т598
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Shelf Life 52 Weeks		434.8 mg
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MSL 3	MSL	3

Click	here	for	the	3D	model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

T-

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

Specifications	
Capacitance	220 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
<b>Dissipation Factor</b>	10% 120Hz 25C
Failure Rate	N/A
Resistance	25 mOhms (100kHz 25C)
Ripple Current	4240 mA (rms, 100kHz 45C), 2968 mA (rms, 105C), 1060 mA (rms, 125C)
Leakage Current	220 uA (5min 25°C)

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