

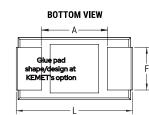
T598D227M006AHS080

T598, Tantalum, Polymer Tantalum, Commercial Grade, 220 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 80 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW SIDE VIEW W Н + S +-Termination cutout at KEMET's option, either end ANODE (+) END VIEW



P-



В

- S-

Click here for the 3D model.

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 - https://www.p65warnings.ca.gov /
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
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
A	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

T&R, 178mm

500

Packaging Specifications

Packaging	
Packaging Quantity	

Specifications Capacitance 220 uF Tolerance 20% Voltage DC 6.3 VDC (105C), 4.22 VDC (125C) **Temperature Range** -55/+125°C **Rated Temperature** 105°C Humidity 85C, 85% RH, load, 1000 Hours 10% 120Hz 25C **Dissipation Factor** Failure Rate N/A ESR 80 mOhms (100kHz 25C) 2370 mA (rms, 100kHz 45C), 1659 mA (rms, 105C), 592.5 mA **Ripple Current** (rms, 125C) Leakage Current 139 uA (5min 25°C)

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