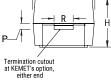


## T598B107M006AHS070

T598, Tantalum, Polymer Tantalum, Commercial Grade, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 70 mOhms, 3528, 2 mm, 0.8 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

BOTTOM VIEW

SIDE VIEW

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	94.9 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
н	1.9mm +/-0.1mm
т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	1.1mm MIN
В	0.4mm +/-0.15mm
Р	0.5mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

## Specifications Capacitance 100 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 8% 120Hz 25C **Dissipation Factor** Failure Rate N/A ESR 70 mOhms (100kHz 25C) 1390 mA (rms, 100kHz 45C), 973 mA (rms, 105C), 347.5 mA (rms, 125C) **Ripple Current** Leakage Current 63 uA (5min 25°C)

Packaging Specifications
Packaging
Packaging Quantity

T&R, 178mm 2000

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