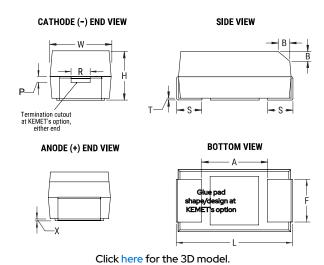


T598D107M016AHS050

T598, Tantalum, Polymer Tantalum, Commercial Grade, 100 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 50 mOhms, 7343, 3.1 mm, 1.3 mm



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

Specifications	
Capacitance	100 uF
Tolerance	20%
Voltage DC	16 VDC (105C), 10.72 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
ESR	50 mOhms (100kHz 25C)
Ripple Current	3000 mA (rms, 100kHz 45C), 2100 mA (rms, 105C), 750 mA (rms, 125C)
Leakage Current	160 uA (5min 25°C)

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

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