

## T598D157M016AHS065

T598, Tantalum, Polymer Tantalum, 150 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 65 mOhms, 7343, Height Max = 3.1mm

## CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

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
Α	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm

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

General Information	1	
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	150 uF
Capacitance 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
Resistance	65 mOhms (100kHz 25C)
Ripple Current	2630 mA (rms, 100kHz 45C), 1841 mA (rms, 105C), 657.5 mA (rms, 125C)
Leakage Current	240 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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