

## T598B157M006AHS045

General Information

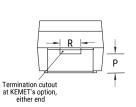
T598, Tantalum, Polymer Tantalum, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 45 mOhms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW



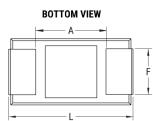
ANODE (+) END VIEW

SIDE VIEW



Click here for the 3D model.

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Generalimornation	
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	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	94.9 mg
Shelf Life	52 Weeks
MSL	3

Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
А	1.1mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	
R	1mm REF	

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Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

0.1mm +/-0.1mm

Specifications	
Capacitance	150 uF
Capacitance 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
<b>Dissipation Factor</b>	8% 120Hz 25C
Failure Rate	N/A
Resistance	45 mOhms (100kHz 25C)
Ripple Current	1730 mA (rms, 100kHz 45C), 1211 mA (rms, 105C), 432.5 mA (rms, 125C)
Leakage Current	94.5 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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>>KEMET(基美)