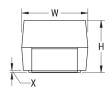


T598V227M006AHS045

T598, Tantalum, Polymer Tantalum, 220 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 45 mOhms, 7343, Height Max = 2mm

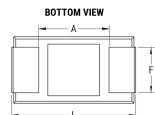
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



remination cutout	
at I/EMET's option	
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	1.9mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
Х	0.05mm REF

Т

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

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 – http://www.p65warnings.ca.gov.
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC (105C), 3.78 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	45 mOhms (100kHz 25C)
Ripple Current	2980 mA (rms, 100kHz 45C), 2086 mA (rms, 105C), 745 mA (rms, 125C)
Leakage Current	139 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.