

T598D477M2R5AHS006

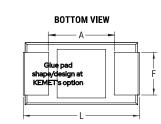
T598, Tantalum, Polymer Tantalum, Commercial Grade, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 6 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW

Termination cutout at KEMET's option, either end

ANODE (+) END VIEW





SIDE VIEW

- S

Click here for the 3D model.

+ S +

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
Α	3.8mm MIN
В	0.5mm +/-0.15mm
Ρ	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

Capacitance 470 uF Tolerance 20% 2.5 VDC (105C), 1.68 VDC (125C) Voltage DC Temperature Range -55/+125°C 105°C **Rated Temperature** Humidity 85C, 85% RH, load, 1000 Hours 10% 120Hz 25C **Dissipation Factor** Failure Rate N/A ESR 6 mOhms (100kHz 25C) 8660 mA (rms, 100kHz 45C), 6062 mA (rms, 105C), 2165 mA (rms, 125C) **Ripple Current** Leakage Current 117.5 uA (5min 25°C)

Packaging Specifications Packaging Packaging Quantity

T&R, 178mm 500

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.

Specifications