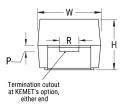


T599D477M004ATE025

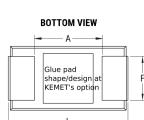
T599, Tantalum, Polymer Tantalum, 470 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 25 mOhms, 7343, 3.1mm

CATHODE (-) END VIEW



ANODE (+) END VIEW





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
А	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

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

General Information	
Series	T599
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, AEC- Q200
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	434.83 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	470 uF
Capacitance Tolerance	20%
Voltage DC	4 VDC (105C), 2.6 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	25 mOhms (100kHz 25C)
Ripple Current	4240 mA (rms, 100kHz 45C), 2968 mA (rms, 125C), 1060 mA (rms, 150C)
Leakage Current	188 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.