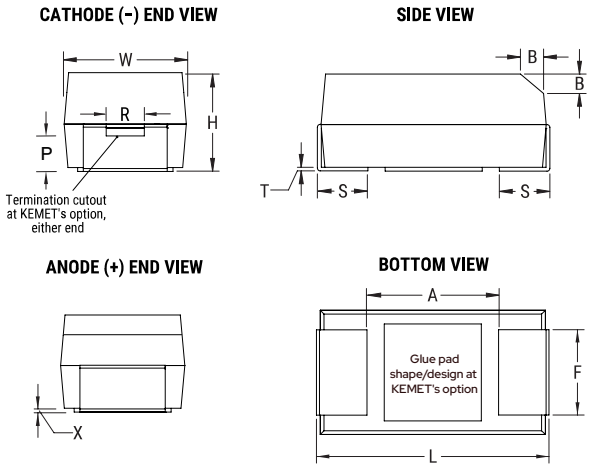
T598D477M2R5ATS009

T598, Tantalum, Polymer Tantalum, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 9 mOhms, 3.1 mm, 2817 / 7343



Click here for the 3D model.

General Information	
Series	T598
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features	Automotive (Surge testing at 25C +/-5C / 10 cycles)
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Typical Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

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

Specifications	
Capacitance	470 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C), 1.68 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
ESR	9 mOhms (100kHz 25C)
Ripple Current	7070 mA (rms, 100kHz 45C), 4949 mA (rms, 105C), 1767.5 mA (rms, 125C)
Leakage Current	117.5 uA (5min 25°C)

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