

T598B225M035AHE200

T598, Tantalum, Polymer Tantalum, 2.2 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 200 mOhms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click here f	or the 3D	model.
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3528
3.5mm +/-0.2mm
2.8mm +/-0.2mm
1.9mm +/-0.2mm
0.13mm REF
0.8mm +/-0.3mm
2.2mm +/-0.1mm
1.1mm MIN
0.4mm +/-0.15mm
0.5mm REF
1mm REF
0.1mm +/-0.1mm

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

General Information	
Series	T598
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features	Automotive
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	94.9 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	2.2 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (105C), 18.9 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	200 mOhms (100kHz 25C)
Ripple Current	820 mA (rms, 100kHz 45C), 574 mA (rms, 105C), 205 mA (rms, 125C)
Leakage Current	7.7 uA (5min 25°C)

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