

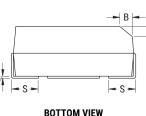
## T598B225M035ATE150

T598, Tantalum, Polymer Tantalum, 2.2 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 150 mOhms, 3528, Height Max = 2.1mm

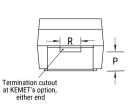
CATHODE (-) END VIEW

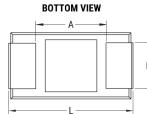


ANODE (+) END VIEW



SIDE VIEW





Click here for the 3D model.

Footprint   3528     L   3.5mm +/-0.2mm     W   2.8mm +/-0.2mm     H   1.9mm +/-0.2mm     T   0.13mm REF     S   0.8mm +/-0.3mm     F   2.2mm +/-0.3mm     A   1.1mm MIN     B   0.4mm +/-0.15mm     P   0.5mm REF     R   1mm REF     X   0.1mm +/-0.1mm	Dimensions	,
W   2.8mm +/-0.2mm     H   1.9mm +/-0.2mm     T   0.13mm REF     S   0.8mm +/-0.3mm     F   2.2mm +/-0.1mm     A   1.1mm MIN     B   0.4mm +/-0.15mm     P   0.5mm REF     R   1mm REF	Footprint	3528
H   1.9mm +/-0.2mm     T   0.13mm REF     S   0.8mm +/-0.3mm     F   2.2mm +/-0.1mm     A   1.1mm MIN     B   0.4mm +/-0.15mm     P   0.5mm REF     R   1mm REF	L	3.5mm +/-0.2mm
T 0.13mm REF   S 0.8mm +/-0.3mm   F 2.2mm +/-0.1mm   A 1.1mm MIN   B 0.4mm +/-0.15mm   P 0.5mm REF   R 1mm REF	W	2.8mm +/-0.2mm
S     0.8mm +/-0.3mm       F     2.2mm +/-0.1mm       A     1.1mm MIN       B     0.4mm +/-0.15mm       P     0.5mm REF       R     1mm REF	Н	1.9mm +/-0.2mm
F 2.2mm +/-0.1mm   A 1.1mm MIN   B 0.4mm +/-0.15mm   P 0.5mm REF   R 1mm REF	Т	0.13mm REF
A     1.1mm MIN       B     0.4mm +/-0.15mm       P     0.5mm REF       R     1mm REF	S	0.8mm +/-0.3mm
B     0.4mm +/-0.15mm       P     0.5mm REF       R     1mm REF	F	2.2mm +/-0.1mm
P 0.5mm REF R 1mm REF	A	1.1mm MIN
R 1mm REF	В	0.4mm +/-0.15mm
	Р	0.5mm REF
X 0.1mm +/-0.1mm	R	1mm REF
,	Х	0.1mm +/-0.1mm

Т·

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	Yes
Termination	Tin
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), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
<b>Dissipation Factor</b>	8% 120Hz 25C
Failure Rate	N/A
Resistance	150 mOhms (100kHz 25C)
Ripple Current	950 mA (rms, 100kHz 45C), 665 mA (rms, 105C), 237.5 mA (rms, 125C)
Leakage Current	7.7 uA (5min 25°C)

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>>KEMET(基美)