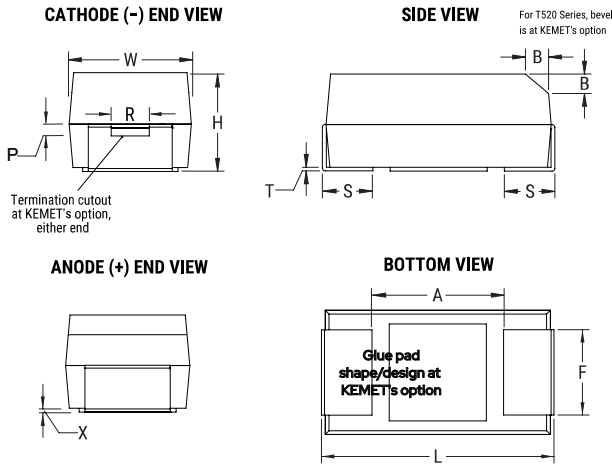


# T520B337M2R5NTE009

Aliases (TEPSGB20E337M9NS8RKT)

T520, Tantalum, Polymer Tantalum, Commercial Grade, 330 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 9 mOhms, 3528, 2 mm, 0.8 mm



Click [here](#) for the 3D model.

## General Information

Series	T520
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	94.85 mg
Shelf Life	52 Weeks
MSL	3

## Specifications

Capacitance	330 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	9 mOhms (100kHz 25C)
Ripple Current	3073 mA (rms, 100kHz 45C), 2151 mA (rms, 85C), 768.25 mA (rms, 105C)
Leakage Current	82.5 uA (5min 25°C)

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

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

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