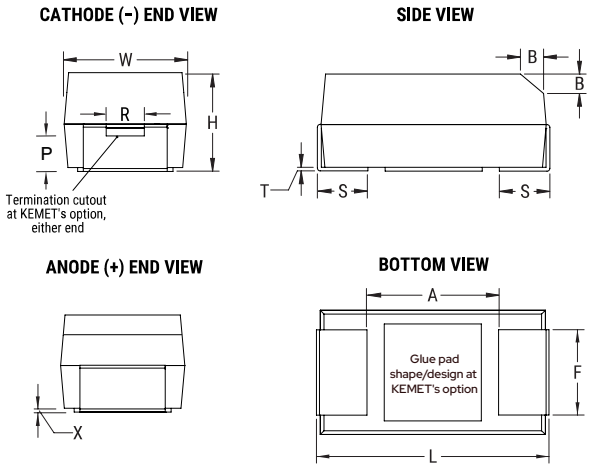
T525B337M2R5ATE009

T525, Polymer, Polymer Tantalum, 330 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 9 mOhms, 2 mm, 1411 / 3528



Click here for the 3D model.

General Information	
Series	T525
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	94.85 mg
Shelf Life	52 Weeks
MSL	3

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

Specifications	
Capacitance	330 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C), 2 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	9 mOhms (300-500kHz 25C)
Ripple Current	3760 mA (rms, 100kHz 45C), 2632 mA (rms, 85C), 658 mA (rms, 125C)
Leakage Current	82.5 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.

© 2006 - 2026 YAGEO