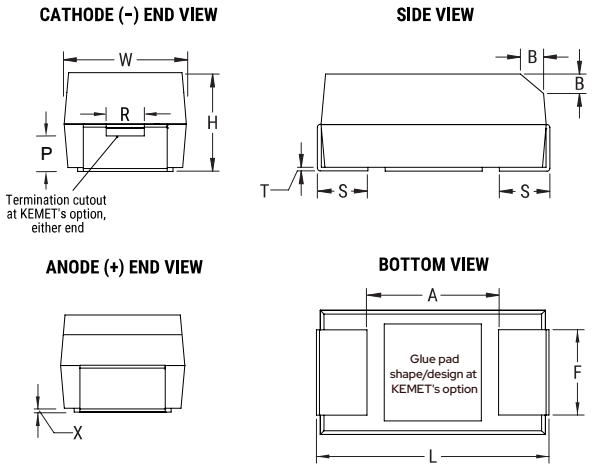
T525B227M2R5ATE009

T525, Polymer, Polymer Tantalum, 220 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	220 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	55 uA (5min 25°C)

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