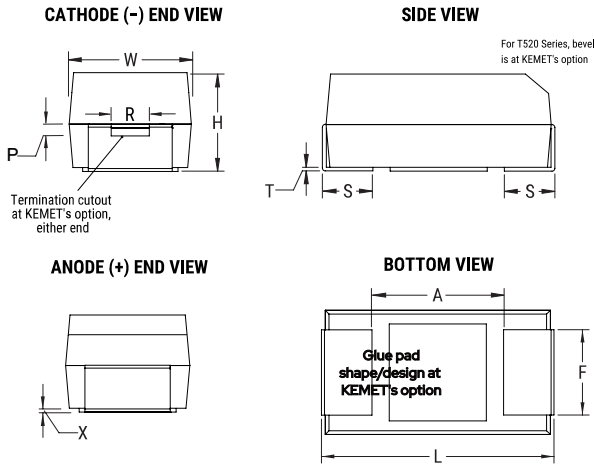


T520A686M2R5ATE070

Aliases (TEPSLAOE686M708RKT)

T520, Tantalum, Polymer Tantalum, Commercial Grade, 68 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, 1.8 mm, 1206 / 3216



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
Typical Component Weight	53.16 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	68 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	70 mOhms (100kHz 25C)
Ripple Current	1300 mA (rms, 100kHz 45C), 910 mA (rms, 85C), 325 mA (rms, 105C)
Leakage Current	17 uA (5min 25°C)

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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