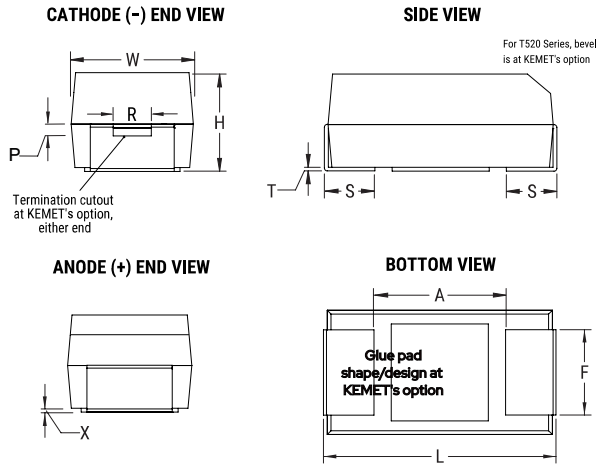


T520A686M004ATE180

Aliases (TEPSLAOG686M8RKT)

T520, Tantalum, Polymer Tantalum, Commercial Grade, 68 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 180 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	4 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	180 mOhms (100kHz 25C)
Ripple Current	800 mA (rms, 100kHz 45C), 560 mA (rms, 85C), 200 mA (rms, 105C)
Leakage Current	27 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.

Dimensions

Specifications

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

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