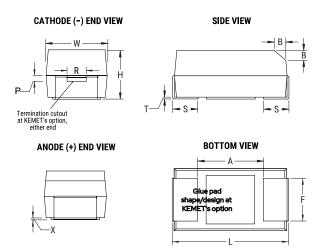


T530X687M004ATE004

T530, Tantalum, Polymer Tantalum, Multi-Anode, 680 uF, 20%, 4 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 4 mOhms, 7343, 4.3 mm, 1.3 mm



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Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF
Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Information	
Series	T530
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Multiple Anodes, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	410.89 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	680 uF
Tolerance	20%
Voltage DC	4 VDC (105C), 2.68 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	4 mOhms (100kHz 25C)
Ripple Current	8200 mA (rms, 100kHz 45C), 5740 mA (rms, 85C), 2050 mA (rms, 125C)
Leakage Current	272 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.

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