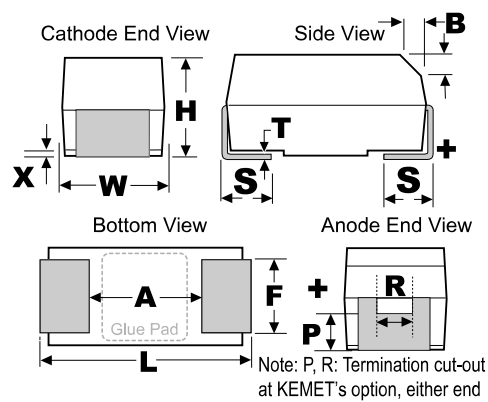


KEMET Part Number: T530Y687M2R5ATE005



Tantalum, Polymer Tantalum, Multi-Anode, T530, 680 uF, 20%, 2.5 V, 7343, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 5 mOhms, 4mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	3.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	378.06 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T530
Description:	SMD, Polymer, Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C), 1.68 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	5 mOhms (100kHz 25C)
Current:	7300 mAmps (100kHz 45C), 5110 mAmps (85C), 1825 mAmps (125C)
Leakage:	170 uAmps (5min 5C)

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