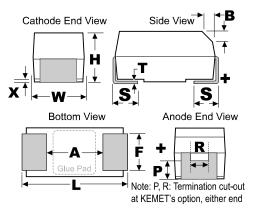
KEMET Part Number: T530D687M2R5ATE010



Tantalum, Polymer Tantalum, Multi-Anode, T530, 680 uF, 20%, 2.5 V, 7343, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 10 mOhms, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
A	3.6mm MIN	
В	0.5mm +/-0.15mm	
Р	0.9mm REF	
R	1mm REF	

Packaging Specifications		
Weight:	307.51 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

0.1mm +/-0.1mm

Χ

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:	10 mOhms (100kHz 25C)	
Current:	5000 mAmps (100kHz 45C), 3500 mAmps (85C), 1250 mAmps (125C)	
Leakage Current:	170 uA (5min 25C)	

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