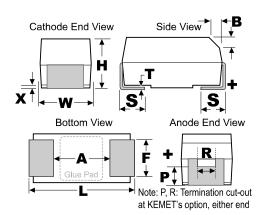
KEMET Part Number: T530X158M2R5ATE005



Tantalum, Polymer Tantalum, Multi-Anode, T530, 1500 uF, 20%, 2.5 V, 7343, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 5 mOhms, Height Max = 4.3mm



Dimensions	
Footprint	7343
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
Α	3.6mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Weight:	410.89 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:	1500 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 Current:	375 uA (5min 25C)	

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.

