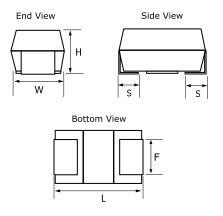
KEMET Part Number: T583D107M010CHE080P100



T583, Tantalum, Polymer Tantalum, Space, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, Aerospace, C (0.01%/1000 Hrs), 80 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	

Packaging Specifications		
Weight:	352.36 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T583	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Aerospace	
Features:	Aerospace	
RoHS:	No	
Prop 65:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Solder Coated	

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	20%	
Voltage DC:	10 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	105°C	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	80 mOhms (100kHz 25C)	
Ripple Current:	2 A (45C)	
Leakage Current:	100 uA (5min 25C)	
Testing and Reliability:	Serialized	

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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