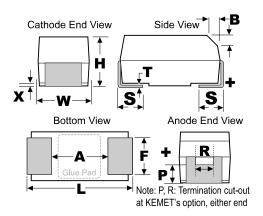
## KEMET Part Number: T591D107M010ATE080



Tantalum, Polymer Tantalum, T591, 100 uF, 20%, 10 V, 7343, SMD, Polymer, Molded, Low ESR, 80 mOhms, 3.1mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T591
Description:	SMD, Polymer, Molded, Low ESR
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (105C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	80 mOhms (100kHz 25C)
Current:	1677 mAmps (100kHz 45C), 1509.3 mAmps (85C), 419.3 mAmps (125C)
Leakage:	100 uAmps (5min 5C)

Packaging Specifications		
Weight:	434.83 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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