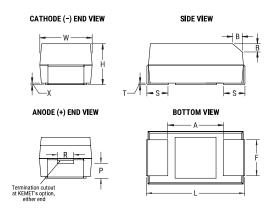
KEMET Part Number: T591D106M035ATE120



T591, Tantalum, Polymer Tantalum, 10 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, 120 mOhms, 7343, 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	3.8mm MIN	
В	0.5mm +/-0.15mm	
Р	0.9mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T591	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR	
Features:	Automotive	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200 (Limited 500 Hrs 85C/85% RH/Ur)	
AEC-Q200:	Subject to PPAP/PSW and change control	
Component Weight:	434.8 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	20%	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Humidity:	85C, 85% RH, load, 500 Hours	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	120 mOhms (100kHz 25C)	
Ripple Current:	1940 mA (rms, 100kHz 45C), 1358 mA (rms, 105C), 485 mA (rms, 125C)	
Leakage Current:	35 uA (5min 25°C)	

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.

