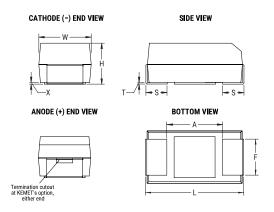
## KEMET Part Number: T598V157M010ATE045



T598, Tantalum, Polymer Tantalum, 150 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 45 mOhms, 7343, Height Max = 2mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.9mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
Х	0.5mm REF

Packaging Specifications		
Weight:	274.3 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information	
Series:	T598
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	52 Weeks
MSL:	3

Specifications		
Capacitance:	150 uF	
Capacitance Tolerance:	20%	
Voltage DC:	10 VDC (105C), 6.67 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Humidity:	85C, 85% RH, load, 1000 Hours	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	45 mOhms (100kHz 25C)	
Ripple Current:	2980 mA (rms, 100kHz 45C), 2086 mA (rms, 105C), 745 mA (rms, 125C)	
Leakage Current:	150 uA (5min 25°C)	

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