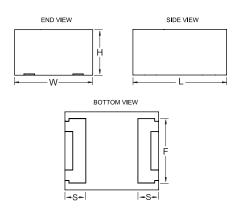
KEMET Part Number: T523W686M016APE070



T523, Tantalum, Polymer Tantalum, Reduced Volume, 68 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7343, Height Max = 1.5mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.4mm +/-0.1mm	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	

Packaging Specifications		
Weight:	222.95 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Series:	T523	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Face Down Terminals	
Features:	Face Down	
RoHS:	Yes	
Termination:	Nickel Palladium Gold	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Ripple Current:	2376 mA (rms, 100kHz 45C), 1663 mA (rms, 85C), 594 mA (rms, 105C)
Leakage Current:	108.8 uA (5min 25°C)

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