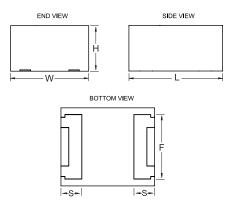
KEMET Part Number: T523W686M016APE100



T523, Tantalum, Polymer Tantalum, Reduced Volume, 68 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 7343, Height Max = 1.5mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.5mm MAX	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Supplier:	KEMET	
Series:	T523	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Face Down Terminals	
Features:	Face Down	
RoHS:	Yes	
Termination:	Nickel Palladium Gold	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	68 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	100 mOhms (100kHz 25C)
Ripple Current:	1988 mA (100kHz 45C), 1391.6 mA (85C), 497 mA (105C)
Leakage Current:	108.8 uA (5min 25C)

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