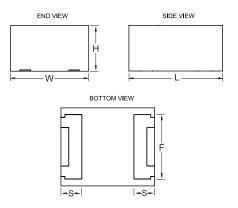
KEMET Part Number: T523W157M016APE070



T523, Tantalum, Polymer Tantalum, Reduced Volume, 150 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	1.5mm 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:	150 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:	70 mOhms (100kHz 25C)	
Ripple Current:	2376 mA (100kHz 45C), 1663.2 mA (85C), 594 mA (105C)	
Leakage Current:	240 uA (5min 25C)	

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