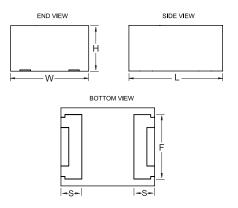
KEMET Part Number: T523V157M016APE050



T523, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 50 mOhms, 7343, Height Max = 2mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2mm 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/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, no load, 500 Hours
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	50 mOhms (100kHz 25C)
Ripple Current:	2870 mA (100kHz 45C), 2009 mA (85C), 717.5 mA (105C)
Leakage Current:	240 uA (5min 25°C)

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