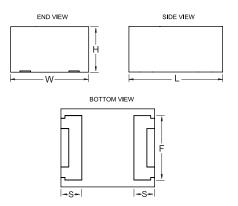
## KEMET Part Number: T523V157M016APE050



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



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

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	

F	2.411111 +/-0.111111	
Packaging Specifications		
Packaging:	T&R, 178mm	

1000

**Packaging Quantity:** 

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:	50 mOhms (100kHz 25C)
Ripple Current:	2870 mA (100kHz 45C), 2009 mA (85C), 717.5 mA (105C)
Leakage Current:	240 uA (5min 25C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

