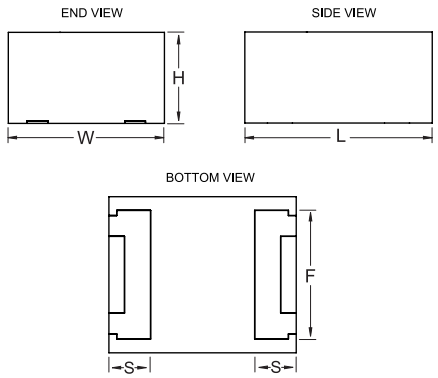
KEMET Part Number: T523V157M016APE050

T523, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 16 V, 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
H	2mm MAX
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

Specifications	
Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	50 mOhms (100kHz 25C)
Current:	2870 mA (100kHz 45C), 2009 mA (85C), 717.5 mA (105C)
Leakage Current:	240 uA (5min 25C)

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

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