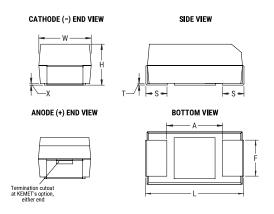
KEMET Part Number: T523T157M006APE0307280



T523, Tantalum, Polymer Tantalum, Reduced Volume, 150 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Face Down Terminals, 30 mOhms, 3528, Height Max = 1.2mm



Series:	T523
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Face Down Terminals
Features:	Face Down
RoHS:	Yes
Termination:	Nickel Palladium Gold
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

General Information

Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.1mm +/-0.1mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
A	1.9mm MIN	
Х	0.05mm REF	

Specifications	
Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	30 mOhms (100kHz 25C)
Ripple Current:	1870 mA (rms, 100kHz 45C), 1309 mA (rms, 85C), 467.5 mA (rms, 105C)
Leakage Current:	94.5 uA (5min 25°C)

Packaging Specifications	
Weight:	54.84 mg
Packaging:	T&R, 330mm
Packaging Quantity:	10000

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