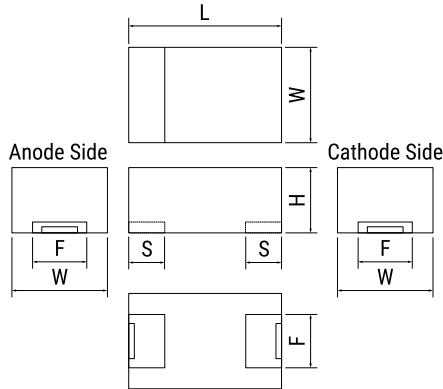


KEMET Part Number: T529P106M016AAE150
(TEGPSP21C106M8R)



T529, Tantalum, Polymer Tantalum, Reduced Volume, 10 uF, 20%, 16 VDC, SMD, Polymer, Substrate, 150 mOhms, 2012, Height Max = 1mm



Dimensions	
Footprint	2012
L	2mm +/-0.1mm
W	1.25mm +/-0.1mm
H	1mm MAX
S	0.55mm +/-0.1mm
F	0.9mm +/-0.1mm

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	3000

General Information	
Series:	T529
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Substrate
Features:	Substrate
RoHS:	Yes
Termination:	Gold
AEC-Q200:	No
Component Weight:	11.4 mg
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (85C), 12.8 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Life:	1000 Hrs (105C)
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	150 mOhms (100kHz 25C)
Ripple Current:	408 mA (rms, 100kHz 45C), 367.2 mA (rms, 85C), 163.2 mA (rms, 105C)
Leakage Current:	80 uA (5min 25°C)

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