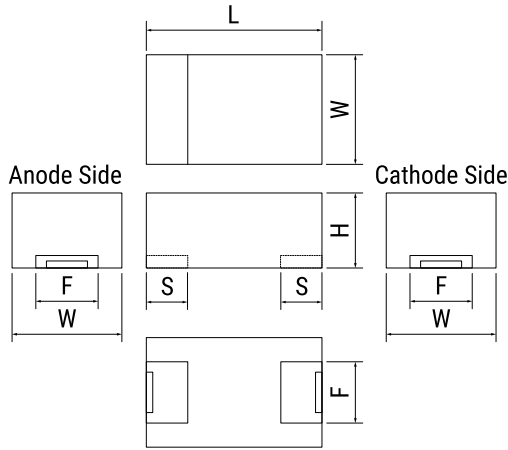


# T529P106M016AAE150

Aliases (TEGPSP21C106M8R)

T529, Tantalum, Polymer Tantalum, Reduced Volume, 10 uF, 20%, 16 VDC, SMD, Polymer, Substrate, 150 mOhms, 1 mm, 0805 / 2012



Click [here](#) for the 3D model.

## General Information

Series	T529
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Substrate
Features	Substrate
RoHS	Yes
Termination	Gold
Typical Component Weight	11.4 mg
Shelf Life	52 Weeks
MSL	3

## Dimensions

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

## Specifications

Capacitance	10 uF
Tolerance	20%
Voltage DC	16 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	1000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	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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