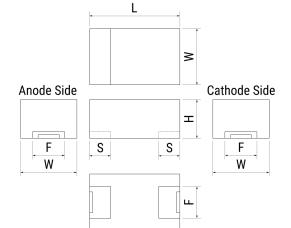


T529P106M006AAE200

Aliases (TEGPSP20J106M8R)

T529, Tantalum, Polymer Tantalum, Reduced Volume, 10 uF, 20%, 6.3 VDC, SMD, Polymer, Substrate, 200 mOhms, 2012, Height Max = 1mm



Click here for the 3D model.

Dimensions	
Footprint	2012
L	2mm +/-0.1mm
W	1.25mm +/-0.1mm
Н	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	6.3 VDC (85C), 5.04 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	200 mOhms (100kHz 25C)
Ripple Current	354 mA (rms, 100kHz 45C), 318.6 mA (rms, 85C), 141.6 mA (rms, 105C)
Leakage Current	18.9 uA (5min 25°C)

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.