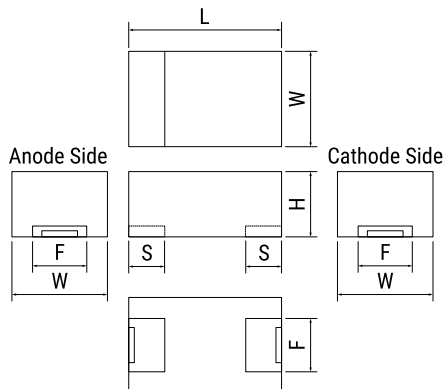


KEMET Part Number: T529P106M010AAE200
(TEGPSP21A106M8R)

KEMET

a YAGEO company

T529, Tantalum, Polymer Tantalum, Reduced Volume, 10 uF, 20%, 10 VDC, SMD, Polymer, Substrate, 200 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:	10 VDC (85C), 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:	200 mOhms (100kHz 25C)
Ripple Current:	354 mA (rms, 100kHz 45C), 318.6 mA (rms, 85C), 141.6 mA (rms, 105C)
Leakage Current:	30 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.

KEMET

a YAGEO company