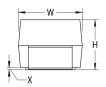


## T493A106M010CH622A

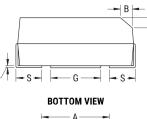
**General Information** 

T493 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 20%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 1.8 Ohms, 3216, Height Max = 1.8mm

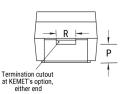
CATHODE (-) END VIEW



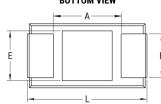
ANODE (+) END VIEW



SIDE VIEW



Click here for the 3D model.



Series	T493 Space
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Aerospace
Features	Aerospace
RoHS	No
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	58.97 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present)

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
А	1.4mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
К	0.7mm MIN
Р	0.35mm MIN
R	0.4mm REF
Х	0.1mm +/-0.1mm

т

Notes	solderable area of the termination surface entirely below cutout (if one is present).
Specifications	
Capacitance	10 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	1.8 Ohms (100kHz 25C)
<b>Ripple Current</b>	204 mA (rms, 100kHz 25C)
Leakage Current	1 uA (5min 25°C)

10 Cycles Surge Current Testing At +25C After Weibull; Additional Testing Option A

## Packaging Specifications Packaging T&R, 178mm Packaging Quantity 2000

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.

Testing and Reliability