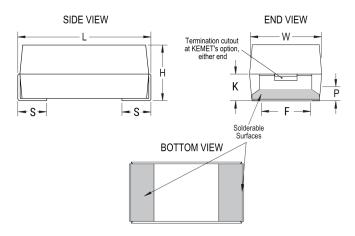


## T497H227K010CH642B

T497 Space, Tantalum, MnO2 Tantalum, Space, 220 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 180 mOhms, 7238, Height Max = 3.17mm



Click here for the 3D model.

Footprint 7238  L 7.24mm +/-0.38mm  W 3.81mm +/-0.38mm  H 2.79mm +/-0.38mm  S 1.27mm +0.25/-0.13mm  F 3.68mm +0.13/-0.51mm	Dimensions	
W 3.81mm +/-0.38mm H 2.79mm +/-0.38mm S 1.27mm +0.25/-0.13mm	Footprint	7238
H 2.79mm +/-0.38mm S 1.27mm +0.25/-0.13mm	L	7.24mm +/-0.38mm
S 1.27mm +0.25/-0.13mm	W	3.81mm +/-0.38mm
3.27 3.29/ 3.13	Н	2.79mm +/-0.38mm
F 3.68mm +0.13/-0.51mm	S	1.27mm +0.25/-0.13mm
	F	3.68mm +0.13/-0.51mm
K 1.52mm MIN	K	1.52mm MIN
P 0.76mm MIN	Р	0.76mm MIN

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Informat	tion	
Series	T497 Space	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded, Aerospace, Medical	
Features	Aerospace, Medical	
RoHS	No	
Prop 65	▲ 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	349.01 mg	
Notes	Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S".	

Specifications	
Capacitance	220 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.18 Ohms (100kHz 25C)
Ripple Current	913 mA (rms, 100kHz 25C)
Leakage Current	20 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option B

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.