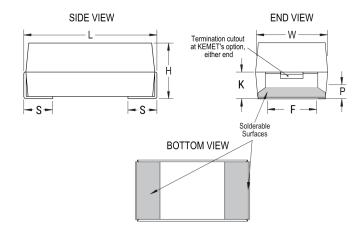


## T497E685K010AT6110

T497 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 10 VDC, SMD, MnO2, Molded, High Reliability, Medical, N/A, 3.5 Ohms, 5125, Height Max = 1.65mm



General Information		
Series	T497 HRA	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded, High Reliability, Medical	
Features	High Reliability, Medical	
RoHS	Yes	
Termination	Tin	
Qualifications	CWR09/19/29 Style	
AEC-Q200	No	
Component Weight	421.63 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".	
MSL	1	

Click here for the 3D model.

Dimensions	
Footprint	5125
L	5.08mm +/-0.38mm
W	2.54mm +/-0.38mm
Н	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
К	0.76mm MIN
Р	0.38mm MIN

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2500

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Humidity	85C, 85% RH, 1000 Hours, No Load
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	3.5 Ohms (100kHz 25C)
Ripple Current	160 mA (rms, 100kHz 25C)
Leakage Current	0.7 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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.