

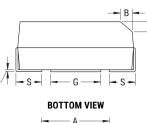
## T493D476M020BH6110

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 20%, 20 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 700 mOhms, 7343, Height Max = 3.1mm

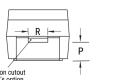
CATHODE (-) END VIEW

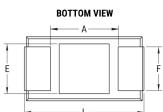


ANODE (+) END VIEW



SIDE VIEW





KEMET's option,
either end

Click here for the 3D model.

Dimensions			
Footprint	7343		
L	7.3mm +/-0.3mm		
W	4.3mm +/-0.3mm		
Н	2.8mm +/-0.3mm		
Т	0.13mm REF		
S	1.3mm +/-0.3mm		
F	2.4mm +/-0.1mm		
А	3.8mm MIN		
В	0.5mm +/-0.15mm		
E	3.5mm REF		
G	3.5mm REF		
Р	0.5mm MIN		
R	1mm REF		
Х	0.1mm +/-0.1mm		

Т

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

General Information					
Series	T493 HRA				
Dielectric	MnO2 Tantalum				
Style	SMD Chip				
Description	SMD, MnO2, Molded, High Reliability				
Features	High Reliability				
RoHS	No				
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - http://www.p65warnings.ca.gov.				
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa				
Termination	Solder Coated				
AEC-Q200	No				
Component Weight	412.33 mg				
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).				

Specifications				
Capacitance	47 uF			
Capacitance Tolerance	20%			
Voltage DC	20 VDC (85C), 13.4 VDC (125C)			
Temperature Range	-55/+125°C			
Rated Temperature	85°C			
Dissipation Factor	6% 120Hz 25C			
Failure Rate	B (0.1%/1000 Hrs)			
Resistance	0.7 Ohms (100kHz 25C)			
Ripple Current	463 mA (rms, 100kHz 25C)			
Leakage Current	9.4 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.