

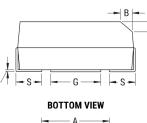
## T493D476K025CC6110

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 25 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 700 mOhms, 7343, Height Max = 3.1mm

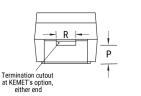
**CATHODE (-) END VIEW** 

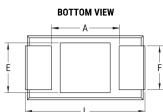


ANODE (+) END VIEW



SIDE VIEW





General Information		
Series	T493 HRA	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded, High Reliability	
Features	High Reliability	
RoHS	No	
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3	
Termination	Hot Solder Dipped	
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).	

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

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		10%		
Voltage DC		25 VDC (85C), 16.75 VDC (125C)		
Temperature Range		-55/+125°C		
Rated Temperature		85°C		
Dissipation Factor		10% 120Hz 25C		

Rated Temperature	85°C	
Dissipation Factor	10% 120Hz 25C	
Failure Rate	C (0.01%/1000 Hrs)	
Resistance	0.7 Ohms (100kHz 25C)	
Ripple Current	463 mA (rms, 100kHz 25C)	
Leakage Current	11.8 uA (5min 25°C)	
Testing and Reliability	Standard Testing Only	

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

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.