

## T493D475K050BT6310

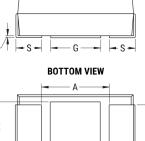
T493 HRA, Tantalum, MnO2 Tantalum, HRA, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 1.5 Ohms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW

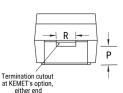


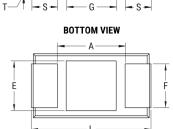
B











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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

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	Yes		
Termination	Tin		
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	4.7 uF		
Capacitance Tolerance	10%		
Voltage DC	50 VDC (85C), 33.5 VDC (125C)		
Temperature Range	-55/+125°C		
Rated Temperature	85°C		
<b>Dissipation Factor</b>	6% 120Hz 25C		
Failure Rate	B (0.1%/1000 Hrs)		
Resistance	1.5 Ohms (100kHz 25C)		
Ripple Current	316 mA (rms, 100kHz 25C)		
Leakage Current	2.4 uA (5min 25°C)		
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C After Weibull		

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.