

T493A105K010BH6120

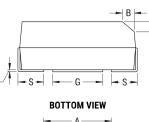
General Information

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 1 uF, 10%, 10 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 6 Ohms, 3216, Height Max = 1.8mm

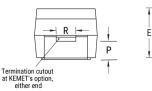
CATHODE (-) END VIEW



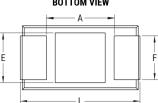
ANODE (+) END VIEW



SIDE VIEW



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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	1dd2e1b8-26dd-4d52-927c-6f9d519011aa	
Termination	Solder Coated	
AEC-Q200	No	
Component Weight	58.97 mg	
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below surfact (if any is present)	

Click here for the 3D model.

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
А	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.35mm MIN
R	0.4mm REF
Х	0.1mm +/-0.1mm

Weight	58.97 mg				
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).				
Specifications		, ,			
Capacitance		1uF			
Capacitance Tolerance		10%			
Voltage DC		10 VDC (85C), 6.7 VDC (125C)			
Temperature Range		-55/+125°C			
Rated Temperature		85°C			
Dissipation Factor		4% 120Hz 25C			
Failure Rate		B (0.1%/1000 Hrs)			

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Resistance	6 Ohms (100kHz 25C)
Ripple Current	112 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

Packaging Specifications			
I	Packaging	T&R, 178mm	
I	Packaging Quantity	2000	
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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.