

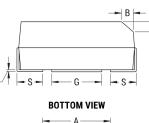
T493C106K020BC6110

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 10 uF, 10%, 20 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 1.8 Ohms, 6032, Height Max = 2.8mm

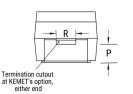
CATHODE (-) END VIEW



ANODE (+) END VIEW

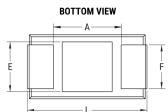


SIDE VIEW



Click here for the 3D model.

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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	224.2 mg		
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).		

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm

Т

	Notes	solderable area of the termination surface entirely below cutout (if one is present).			
Specifications					
	Capacitance		10 uF		
	Capacitance Toler	rance	10%		
	Voltage DC		20 VDC (85C), 13.4 VDC (125C)		
	Temperature Ran	ge	-55/+125°C		
	Rated Temperatu	re	85°C		
	Dissipation Factor		6% 120Hz 25C		
	Failure Rate		B (0.1%/1000 Hrs)		
	Resistance		1.8 Ohms (100kHz 25C)		
	Ripple Current		247 mA (rms, 100kHz 25C)		

Leakage Current	2 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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.