

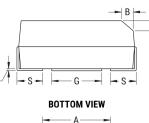
T493C476M016BC6120

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 20%, 16 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 500 mOhms, 6032, Height Max = 2.8mm

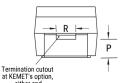
CATHODE (-) END VIEW

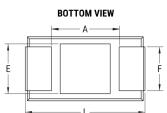


ANODE (+) END VIEW



SIDE VIEW





at	KEMET's option,	
	either end	

Click here for the 3D model.

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

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	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).			

Specifications				
Capacitance	47 uF			
Capacitance Tolerance	20%			
Voltage DC	16 VDC (85C), 10.72 VDC (125C)			
Temperature Range	-55/+125°C			
Rated Temperature	85°C			
Dissipation Factor	6% 120Hz 25C			
Failure Rate	B (0.1%/1000 Hrs)			
Resistance	0.5 Ohms (100kHz 25C)			
Ripple Current	469 mA (rms, 100kHz 25C)			
Leakage Current	7.5 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.