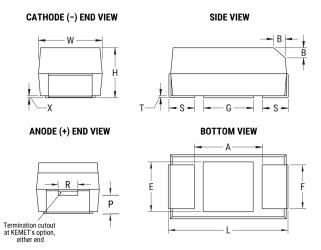


## T493A105K016CK6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 1 uF, 10%, 16 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 10 Ohms, 3216, Height Max = 18mm



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
A	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.35mm MIN
R	0.4mm REF
Χ	0.1mm +/-0.1mm

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

General Information			
Series	T493 HRA		
Dielectric	MnO2 Tantalum		
Style	SMD Chip		
Description	SMD, MnO2, Molded, High Reliability		
Features	High Reliability		
RoHS	No		
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.		
SCIP Number	656db0b8-8445-4117-82f2-2f12e764f0b1		
Termination	Solder Fused		
AEC-Q200	No		
Component 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	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	10 Ohms (100kHz 25C)
Ripple Current	87 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before 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.