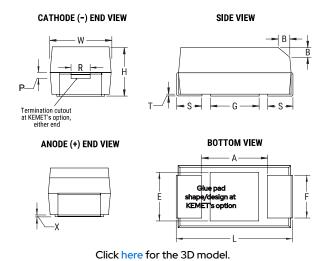


T493C225K035CH6420

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 35 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 1.5 Ohms, 6032, 2.8 mm, 1.3 mm



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 - https://www.p65warnings.ca.gov /	
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9 d519011aa	
Termination	Tin Lead (SnPb)	
AEC-Q200	No	
Typical 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			
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		
A	3.1mm MIN		
В	0.5mm +/-0.15mm		
Е	2.4mm REF		
G	2.8mm REF		
Р	0.5mm MIN		
R	1mm REF		
х	0.1mm +/-0.1mm REF		

T&R, 178mm

500

Packaging Specifications

Packaging Quantity

Packaging

Specifications			
Capacitance	2.2 uF		
Tolerance	10%		
Voltage DC	35 VDC (85C), 23.45 VDC (125C)		
Temperature Range	-55/+125°C		
Rated Temperature	85°C		
Dissipation Factor	6% 120Hz 25C		
Failure Rate	C (0.01%/1000 Hrs)		
ESR	1.5 Ohms (100kHz 25C)		
Ripple Current	270 mA (rms, 100kHz 25C)		
Leakage Current	0.8 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.

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