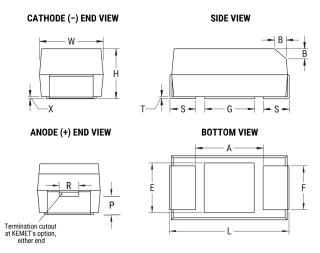


## T493C685K025BH6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 6.8 uF, 10%, 25 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 1.9 Ohms, 6032, Height Max = 2 8mm



	Click	here	for	the	3D	mode
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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
Α	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.5mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

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	▲ 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	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	6.8 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	1.9 Ohms (100kHz 25C)
Ripple Current	240 mA (rms, 100kHz 25C)
Leakage Current	1.7 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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