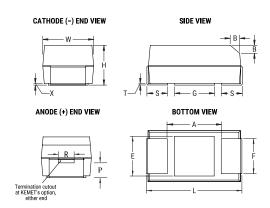
## KEMET Part Number: T493C686K010CB632C



T493 Space, Tantalum, MnO2 Tantalum, Space, 68 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 300 mOhms, 6032, Height Max = 2.8mm



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
K	1mm MIN
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T493 Space	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Aerospace	
Features:	Aerospace	
RoHS:	Yes	
Termination:	Gold	
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:	68 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	0.3 Ohms (100kHz 20C)	
Leakage Current:	6.8 uA (5min 20°C)	
Testing and Reliability:	10 Cycles Surge Testing At -55C And +85C After Weibull; Additional Testing Option C	

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