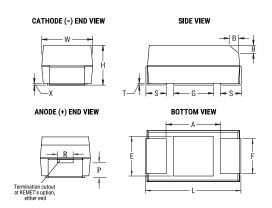
KEMET Part Number: T493C685M025CH622A



T493 Space, Tantalum, MnO2 Tantalum, Space, 6.8 uF, 20%, 25 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 600 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:	No
Prop 65:	warning: Cancer and reproductive harm - 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:	20%	
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	0.6 Ohms (100kHz 20C)	
Leakage Current:	1.7 uA (5min 20°C)	
Testing and Reliability:	10 Cycles Surge Current Testing At +25C After Weibull; Additional Testing Option A	

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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