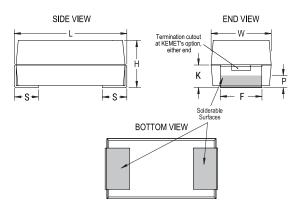
KEMET Part Number: T497E106K010CH642B



T497 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 1 Ohms, 5125, Height Max = 1.65mm



Dimensions	
Footprint	5125
L	5.08mm +/-0.38mm
W	2.54mm +/-0.38mm
Н	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
K	0.76mm MIN
Р	0.38mm MIN

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	2500	

General Information	
Series:	T497 Space
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Aerospace, Medical
Features:	Aerospace, Medical
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:	421.63 mg
Notes:	Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S".

Specifications		
Capacitance:	10 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:	1 Ohms (100kHz 20C)	
Leakage Current:	1 uA (5min 20°C)	
Testing and Reliability:	10 Cycles Surge Testing At -55C And +85C Before Weibull; Additional Testing Option B	

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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