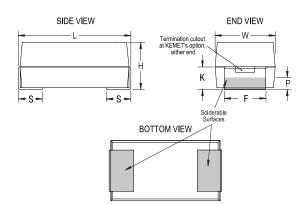
## KEMET Part Number: T497H475K050CH642B



T497 Space, Tantalum, MnO2 Tantalum, Space, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 500 mOhms, 7238, Height Max = 3.17mm



Dimensions	
Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
Н	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
К	1.52mm MIN
Р	0.76mm MIN

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

Concerned Information		
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:	349.01 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:	4.7 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	0.5 Ohms (100kHz 20C)	
Leakage Current:	3 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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