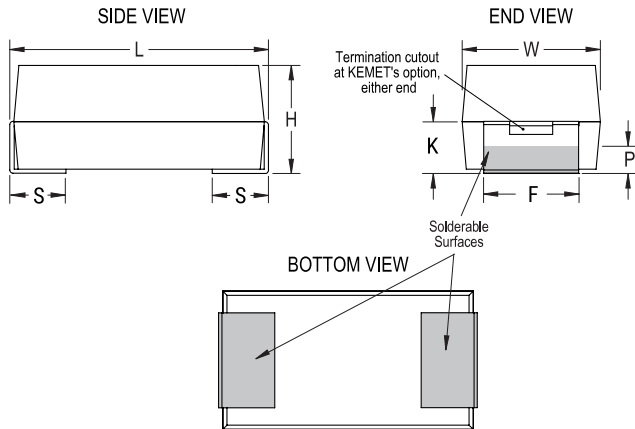


## T497X156K035CH642B

T497 Space, Tantalum, MnO2 Tantalum, Space, 15 uF, 10%, 35 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 190 mOhms, 6954, 3.12 mm, 1.19 mm



Click [here](#) for the 3D model.

### General Information

Series	T497 Space
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Aerospace, Medical
Features	Aerospace, Medical
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	590.44 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".

### Dimensions

L	6.93mm +/-0.38mm
W	5.41mm +/-0.38mm
H	2.74mm +/-0.38mm
S	1.19mm +0.25/-0.13mm
F	3.05mm +/-0.13mm
K	1.22mm MIN
P	0.61mm MIN

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### Specifications

Capacitance	15 uF
Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.19 Ohms (100kHz 25C)
Ripple Current	932 mA (rms, 100kHz 25C)
Leakage Current	6 uA (5min 25°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.