

## T497D105M035AT6115

T497 HRA, Tantalum, MnO<sub>2</sub> Tantalum, HRA, 1 uF, 20%, 35 VDC, SMD, MnO<sub>2</sub>, Molded, High Reliability, Medical, N/A, 6.5 Ohms, 3825, 1.65 mm, 0.76 mm



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

### General Information

Series	T497 HRA
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, High Reliability, Medical
Features	High Reliability, Medical
RoHS	Yes
Termination	Tin
Qualifications	CWR09/19/29 Style
AEC-Q200	No
Typical Component Weight	264.12 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".
MSL	1

### Dimensions

L	3.81mm +/-0.38mm
W	2.54mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
K	0.76mm MIN
P	0.38mm MIN

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2500

### Specifications

Capacitance	1 uF
Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Humidity	85C, 85% RH, 1000 Hours, No Load
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	6.5 Ohms (100kHz 25C)
Ripple Current	119 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	Standard Testing with 100% X-Ray

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