


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

General Information

Series	T497 HRA
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, High Reliability, Medical
Features	High Reliability, Medical
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d51901aa
Termination	Tin Lead (SnPb)
Qualifications	CWR09/19/29 Style
AEC-Q200	No
Typical 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".
MSL	1

Dimensions

L	7.24mm +/-0.38mm	Capacitance	4.7 uF
W	3.81mm +/-0.38mm	Tolerance	10%
H	2.79mm +/-0.38mm	Voltage DC	50 VDC (85C), 33.5 VDC (125C)
S	1.27mm +0.25/-0.13mm	Temperature Range	-55/+125°C
F	3.68mm +0.13/-0.51mm	Rated Temperature	85°C
K	1.52mm MIN	Humidity	85C, 85% RH, 1000 Hours, No Load
P	0.76mm MIN	Dissipation Factor	6% 120Hz 25C
		Failure Rate	B (0.1%/1000 Hrs)
		ESR	1.5 Ohms (100kHz 25C)
		Ripple Current	316 mA (rms, 100kHz 25C)
		Leakage Current	2.4 uA (5min 25°C)
		Testing and Reliability	Standard Testing Only

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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