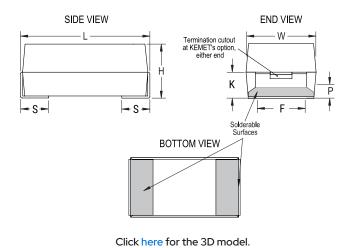


T497D105M035AT6115

T497 HRA, Tantalum, MnO2 Tantalum, HRA, 1 uF, 20%, 35 VDC, SMD, MnO2, Molded, High Reliability, Medical, N/A, 6.5 Ohms, 3825, 1.65 mm, 0.76 mm



General Information	
Series	T497 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, 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
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

	,		
Н	1.27mm +/-0.38mm	Voltage DC	35 VDC (85C), 23.45 VD((125C)
S	0.76mm +0.25/-0.13mm	· ·	` ,
F 2.41mm +0.13/-0.25mm	2.41mm +0.13/-0.25mm	Temperature Range	-55/+125°C
К	,	Rated Temperature	85°C
K	0.76mm MIN	Humidity	85C, 85% RH, 1000 Hours Load
Р	0.38mm MIN	Turnarty	
		Dissipation Factor	6% 120Hz 25C
Packaging Specifications		Failure Rate	N/A
Packaging	T&R, 178mm	ESR	6.5 Ohms (100kHz 25C)
Packaging Quantity 2500	2500		, ,
		Ripple Current	119 mA (rms, 100kHz 25C

Specifications	
Capacitance	1uF
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

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.

Generated 09/26/2025 © 2006 - 2025 YAGEO