



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

**General Information**

Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, DLA Drawing
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	656dbOb8-8445-4117-82f2-2f12e764f0b1
Termination	Solder Fused
Typical Component Weight	102.3 mg

**Specifications**

Capacitance	22 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/ +125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	2.2 Ohms (100kHz 25C)
Ripple Current	185 mA (rms, 100kHz 25C)
Leakage Current	3.6 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C +/-5C After Weibull

**Dimensions**

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	2000

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.