



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

**General Information**

Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile
RoHS	Yes
Termination	Tin
Typical Component Weight	70 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	1.4mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
E	2.4mm REF
G	2.8mm REF
X	0.05mm REF

Specifications	
Capacitance	68 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	1.8 Ohms (100kHz 25C)
Ripple Current	224 mA (rms, 100kHz 25C), 201.6 mA (rms, 85C), 89.6 mA (rms, 125C)
Leakage Current	6.8 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

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.