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**General Information**

Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	Yes
Termination	Tin
Typical Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

**Dimensions**

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

**Specifications**

Capacitance	6.8 uF
Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	1.8 Ohms (100kHz 25C)
Ripple Current	247 mA (rms, 100kHz 25C), 222.3 mA (rms, 85C), 98.8 mA (rms, 125C)
Leakage Current	2.4 uA (5min 25°C)

**Packaging Specifications**

Packaging	T&R, 178mm
Packaging Quantity	500

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