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General Information

Series	T491
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Large Case
RoHS	Yes
Termination	Tin
Typical Component Weight	803.76 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	3.6mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	1,000 uF
Tolerance	20%
Voltage DC	4 VDC (85C), 2.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	15% 120Hz 25C
Failure Rate	N/A
ESR	0.2 Ohms (100kHz 25C)
Ripple Current	1000 mA (rms, 100kHz 25C), 900 mA (rms, 85C), 400 mA (rms, 125C)
Leakage Current	40 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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