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General Information

Series	T491
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Large Case
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications

Capacitance	47 uF
Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	0.5 Ohms (100kHz 25C)
Ripple Current	632 mA (rms, 100kHz 25C), 568.8 mA (rms, 85C), 252.8 mA (rms, 125C)
Leakage Current	16.5 uA (5min 25°C)

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