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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	47 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	1.4 Ohms (100kHz 25C)
Ripple Current	254 mA (rms, 100kHz 25C), 228.6 mA (rms, 85C), 101.6 mA (rms, 125C)
Leakage Current	4.7 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

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