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**General Information**

Series	T491
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded
RoHS	Yes
Termination	Tin
Typical Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	47 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	12% 120Hz 25C
Failure Rate	N/A
ESR	3.5 Ohms (100kHz 25C)
Ripple Current	146 mA (rms, 100kHz 25C), 131.4 mA (rms, 85C), 58.4 mA (rms, 125C)
Leakage Current	3 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

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