

T491, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 50 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 4.3mm



General Information	
Supplier:	KEMET
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	0.8 Ohms (100kHz)
Ripple Current:	406 mAmps (100kHz 25C), 365.4 mAmps (85C), 162.4 mAmps (125C)
Leakage Current:	3.4 uA (5min 20C)

Packaging Specifications	
Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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