

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 680 uF, 10%, 4 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 30 mOhms, 7343, Height Max = 4.3mm



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	3.8mm 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

Packaging Specifications	
Weight:	430.15 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Supplier:	KEMET
Series:	T510
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Shelf Life:	156 Weeks
MSL:	1

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	10%
Voltage DC:	4 VDC (85C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	30 mOhms (100kHz)
Ripple Current:	3000 mAmps (100kHz 25C), 2700 mAmps (85C), 1200 mAmps (125C)
Leakage Current:	27.2 uA (5min 20C)

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