

T510 Space, Tantalum, MnO2 Tantalum, Space Multi-Anode, 470 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR, 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	
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T510 Space
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Large Case, Multi-Anode, LowESR
Features:	Multiple Anode, Low ESR, Aerospace
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
Termination:	Solder Coated
AEC-Q200:	No
Component Weight:	430.15 mg

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	30 mOhms (100kHz 20C)
Ripple Current:	3000 mA (100kHz 25C), 2700 mA (100kHz 85C), 1200 mA (100kHz 125C)
Leakage Current:	30 uA (5min 20°C)

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