

T510, Tantalum, MnO<sub>2</sub> Tantalum, Multi-Anode, 470 uF, 10%, 6.3 VDC, SMD, MnO<sub>2</sub>, 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

Series:	T510
Dielectric:	MnO <sub>2</sub> Tantalum
Style:	SMD Chip
Description:	SMD, MnO <sub>2</sub> , Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

### 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:	N/A
Resistance:	30 mOhms (100kHz)
Ripple Current:	3000 mA (rms, 100kHz 25C), 2700 mA (rms, 85C), 1200 mA (rms, 125C)
Leakage Current:	29.6 uA (5min 20°C)