

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 330 uF, 20%, 10 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 35 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
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	430.15 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	330 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	35 mOhms (100kHz 25C)
Ripple Current:	2777 mA (rms, 100kHz 25C), 2499.3 mA (rms, 85C), 1110.8 mA (rms, 125C)
Leakage Current:	33 uA (5min 25°C)