

### CATHODE (-) END VIEW



### SIDE VIEW



### ANODE (+) END VIEW



### BOTTOM VIEW



Click [here](#) for the 3D model.

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	3.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	2000

### General Information

Series	T520
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	493.99 mg
Shelf Life	52 Weeks
MSL	3

### Specifications

Capacitance	680 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	18 mOhms (100kHz 25C)
Ripple Current	3700 mA (rms, 100kHz 45C), 2590 mA (rms, 85C), 925 mA (rms, 105C)
Leakage Current	428.4 uA (5min 25°C)

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