T530X337M010AHE006

T530, Tantalum, Polymer Tantalum, Multi-Anode, 330 uF, 20%, 10 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 6 mOhms, 7343, Height Max = 4.3mm
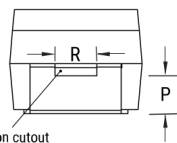
CATHODE (–) END VIEW

SIDE VIEW

ANODE (+) END VIEW

Termination cutout at KEMET's option, either end

BOTTOM VIEW

Click here for the 3D model.

General Information

Series	T530
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Multiple Anodes, Low ESR
Features	Low ESR
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm – http://www.p65warnings.ca.gov.
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
AEC-Q200	No
Component Weight	410.89 mg
Shelf Life	52 Weeks
MSL	3

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	3.6mm MIN
B	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications

Capacitance	330 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (105C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
Resistance	6 mOhms (100kHz 25C)
Ripple Current	6700 mA (rms, 100kHz 45C), 4690 mA (rms, 85C), 1675 mA (rms, 125C)
Leakage Current	330 uA (5min 25°C)