

## T541X107M030BH6710

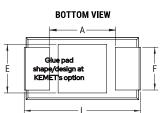
T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 100 uF, 20%, 30 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, B (0.1%/1000 Hrs), 70 mOhms, 7343, 4.3 mm, 1.3 mm

CATHODE (-) END VIEW SIDE VIEW W Ĥ - S -— G -Termination cutout at KEMET's option, either end

ANODE (+) END VIEW

P-





B

-S

Click here for the 3D model.

General Information	
Series	T541HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR
Features	Non-Combustible, Multiple Anode, Low ESR, High Reliability
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	410.89 mg
Shelf Life	52 Weeks

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

## **Packaging Specifications** Packaging

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications	
Capacitance	100 uF
Tolerance	20%
Voltage DC	30 VDC (105C), 20.1 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor	10% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	70 mOhms (100kHz 25C)
Ripple Current	1878 mA (rms, 100kHz 45C)
Leakage Current	300 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C +0C/-5C And +85C +/-5C After Voltage Aging

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.