

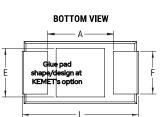
## T541X107K030CH6710

T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 100 uF, 10%, 30 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, C (0.01%/1000 Hrs), 70 mOhms, 7343, 4.3 mm, 1.3 mm

CATHODE (-) END VIEW SIDE VIEW W s **–** - G · Termination cutout at KEMET's option, either end ANODE (+) END VIEW



P



В

-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

100 uF

-55/+125°C 105°C

2000 Hrs (125C)

30 VDC (105C), 20.1 VDC (125C)

10%

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
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Ρ	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

## Humidity 60C, 90% RH, 500 Hours, rated voltage **Dissipation Factor** 10% 120Hz 25C C (0.01%/1000 Hrs) Failure Rate 70 mOhms (100kHz 25C) ESR **Ripple Current** 1878 mA (rms, 100kHz 45C) Leakage Current 300 uA (5min 25°C) 10 Cycles Surge Current Testing At -55C +0C/-5C And +85C **Testing and Reliability** +/-5C After Voltage Aging

Specifications Capacitance

Tolerance

Life

Voltage DC

**Temperature Range** 

**Rated Temperature** 

**Packaging Specifications** Ρ

Packaging T	&R, 178mm
Packaging Quantity 5	00

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.