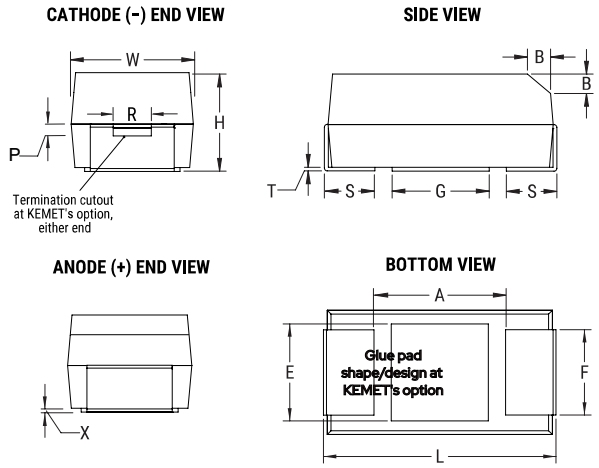
T541X107K030CH6710

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



Click here for the 3D model.

General Information	
Series	T541 HRA
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-b342-1fe94dec2340
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
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 REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

Specifications	
Capacitance	100 uF
Tolerance	10%
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	C (0.01%/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