

# T541X686K030BT6720

T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 68 uF, 10%, 30 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, B (0.1%/1000 Hrs), 35 mOhms, 4.3 mm, 2817 / 7343



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	Yes
Termination	Tin
Typical Component Weight	410.89 mg
Shelf Life	52 Weeks
MSL	3

## Specifications

Capacitance	68 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	B (0.1%/1000 Hrs)
ESR	35 mOhms (100kHz 25C)
Ripple Current	2777 mA (rms, 100kHz 45C)
Leakage Current	204 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C +0C/-5C And +85C +/-5C After Voltage Aging

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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