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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)
Typical Component Weight	307.51 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	7.3mm +/-0.3mm	Capacitance	330 uF
W	4.3mm +/-0.3mm	Tolerance	10%
H	2.8mm +/-0.3mm	Voltage DC	6.3 VDC (105C), 4.22 VDC (125C)
T	0.13mm REF	Temperature Range	-55/+125°C
S	1.3mm +/-0.3mm	Rated Temperature	105°C
F	2.4mm +/-0.1mm	Life	2000 Hrs (125C)
A	3.8mm MIN	Humidity	60C, 90% RH, 500 Hours, rated voltage
B	0.5mm +/-0.15mm	Dissipation Factor	10% 120Hz 25C
E	3.5mm REF	Failure Rate	C (0.01%/1000 Hrs)
G	3.5mm REF	ESR	10 mOhms (100kHz 25C)
P	0.9mm REF	Ripple Current	5050 mA (rms, 100kHz 45C)
R	1mm REF	Leakage Current	208 uA (5min 25°C)
X	0.1mm +/-0.1mm REF	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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