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General Information

Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Up Screening
Features	Non-Combustible, 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	98.3 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	3.5mm +/-0.2mm	Capacitance	47 uF
W	2.8mm +/-0.2mm	Tolerance	10%
H	1.9mm +/-0.2mm	Voltage DC	10 VDC (105C)
T	0.13mm REF	Temperature Range	-55/+105°C
S	0.8mm +/-0.3mm	Rated Temperature	105°C
F	2.2mm +/-0.1mm	Humidity	60C, 90% RH, 500 Hours
A	1.9mm MIN	Dissipation Factor	8% 120Hz 25C
B	0.4mm +/-0.15mm	Failure Rate	N/A
E	2.2mm REF	ESR	35 mOhms (100kHz)
G	1.8mm REF	Ripple Current	1905 mA (rms, 100kHz 45C)
P	0.5mm REF	Leakage Current	47 uA (5min 25°C)
R	1mm REF	Testing and Reliability	10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C
X	0.1mm +/-0.1mm REF		

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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