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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	Yes
Termination	Tin
Typical Component Weight	588.16 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	7.3mm +/-0.3mm	Capacitance	10 uF
W	4.3mm +/-0.3mm	Tolerance	10%
H	4mm +/-0.3mm	Voltage DC	63 VDC (105C), 42.21 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	Humidity	60C, 90% RH, 500 Hours
A	3.8mm MIN	Dissipation Factor	10% 120Hz 25C
B	0.5mm +/-0.15mm	Failure Rate	N/A
E	3.5mm REF	ESR	50 mOhms (100kHz)
G	3.5mm REF	Ripple Current	2223 mA (rms, 100kHz 45C)
P	1.7mm REF	Leakage Current	63 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	500

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