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General Information

Series	T513 HRA
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Military Equivalent, MAT High Reliability
Features	Low ESR
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	430.15 mg

Dimensions

L	7.3mm +/-0.3mm	Capacitance	47 uF
W	4.3mm +/-0.3mm	Tolerance	10%
H	4mm +/-0.3mm	Voltage DC	35 VDC (85C), 23.45 VDC (125C)
T	0.13mm REF	Temperature Range	-55/+125°C
S	1.3mm +/-0.3mm	Rated Temperature	85°C
F	2.4mm +/-0.1mm	Dissipation Factor	8% 120Hz 25C
A	3.8mm MIN	Failure Rate	B (0.1%/1000 Hrs)
B	0.5mm +/-0.15mm	ESR	65 mOhms (100kHz 25C)
E	3.5mm REF	Ripple Current	1590 mA (rms, 100kHz 25C)
G	3.5mm REF	Leakage Current	16.5 uA (5min 25°C)
P	1.7mm REF	Testing and Reliability	Standard Testing Only
R	1mm REF		
X	0.1mm +/-0.1mm REF		

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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