

T513X686K025BK6310

T513 HRA, Tantalum, MnO₂ Tantalum, HRA Multi-Anode, 68 uF, 10%, 25 VDC, SMD, MnO₂, Molded, Military Equivalent, MAT High Reliability, B (0.1%/1000 Hrs), 45 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

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 - http://www.p65warnings.ca.gov .
SCIP Number	5b5ca1b5-6ed8-4983-b4a3-641b7fdbdad3
Termination	Solder Fused
AEC-Q200	No
Component Weight	430.15 mg

Specifications

Capacitance	68 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	45 mOhms (100kHz 25C)
Leakage Current	17 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C After Weibull

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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